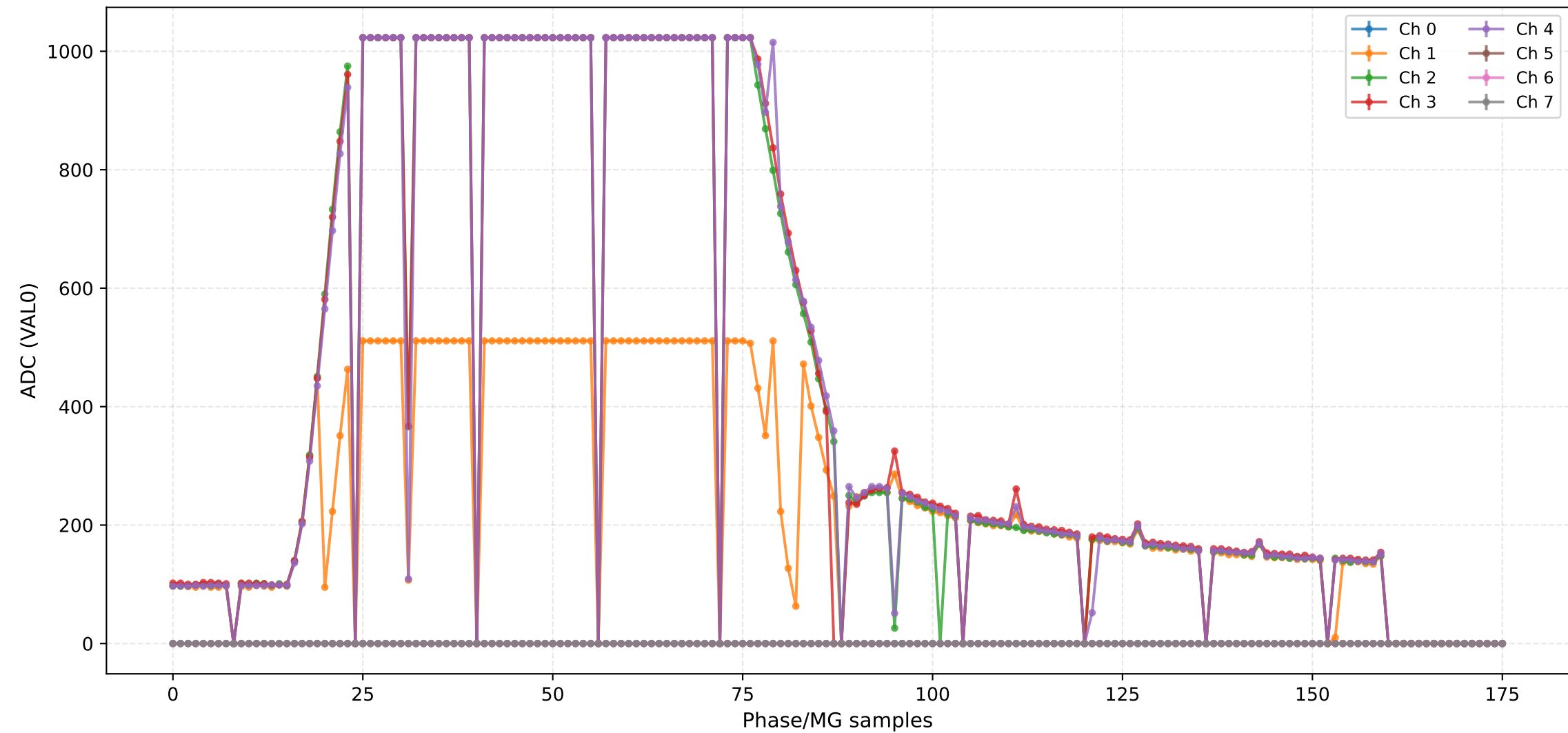


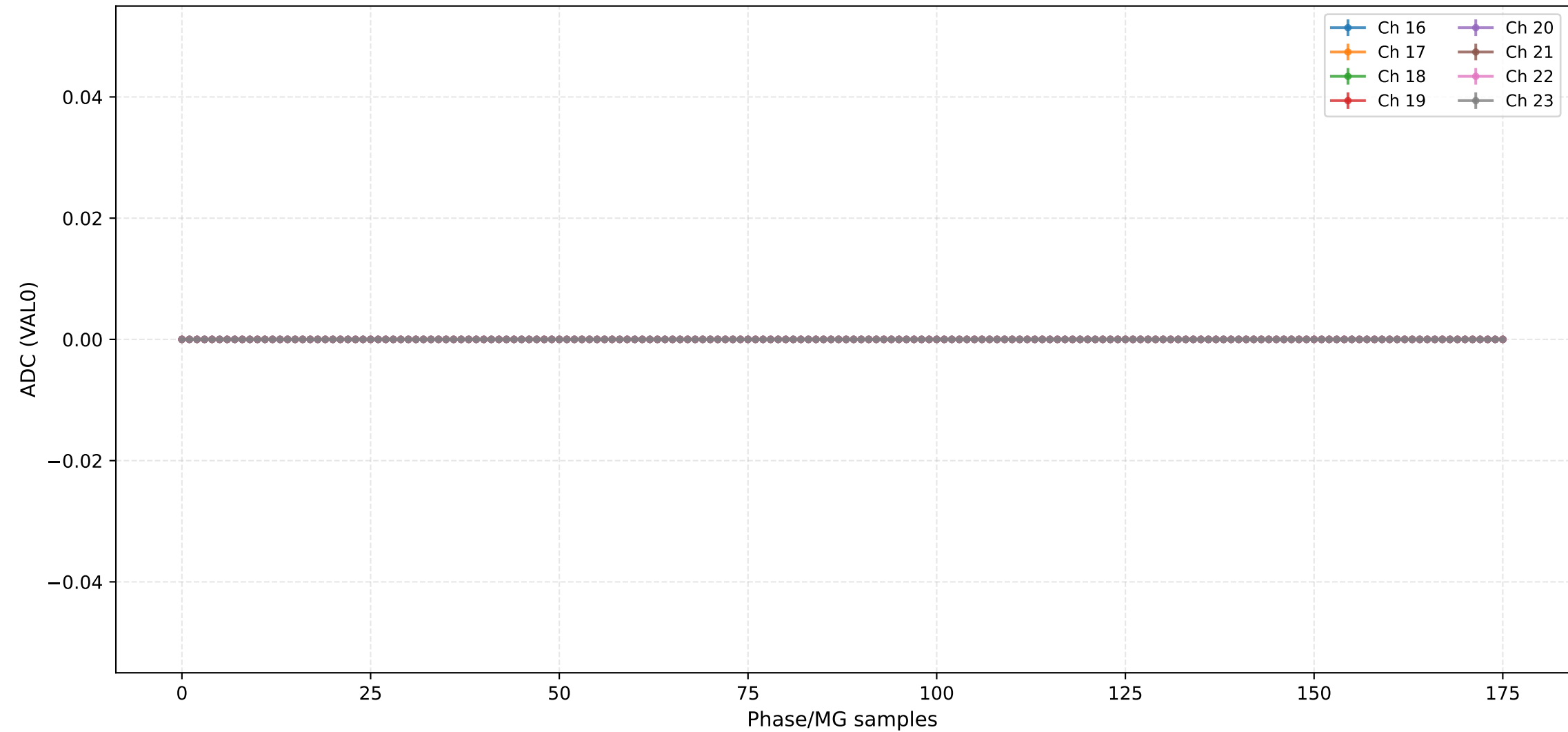
ADC (VAL0) - Channels 0 to 7



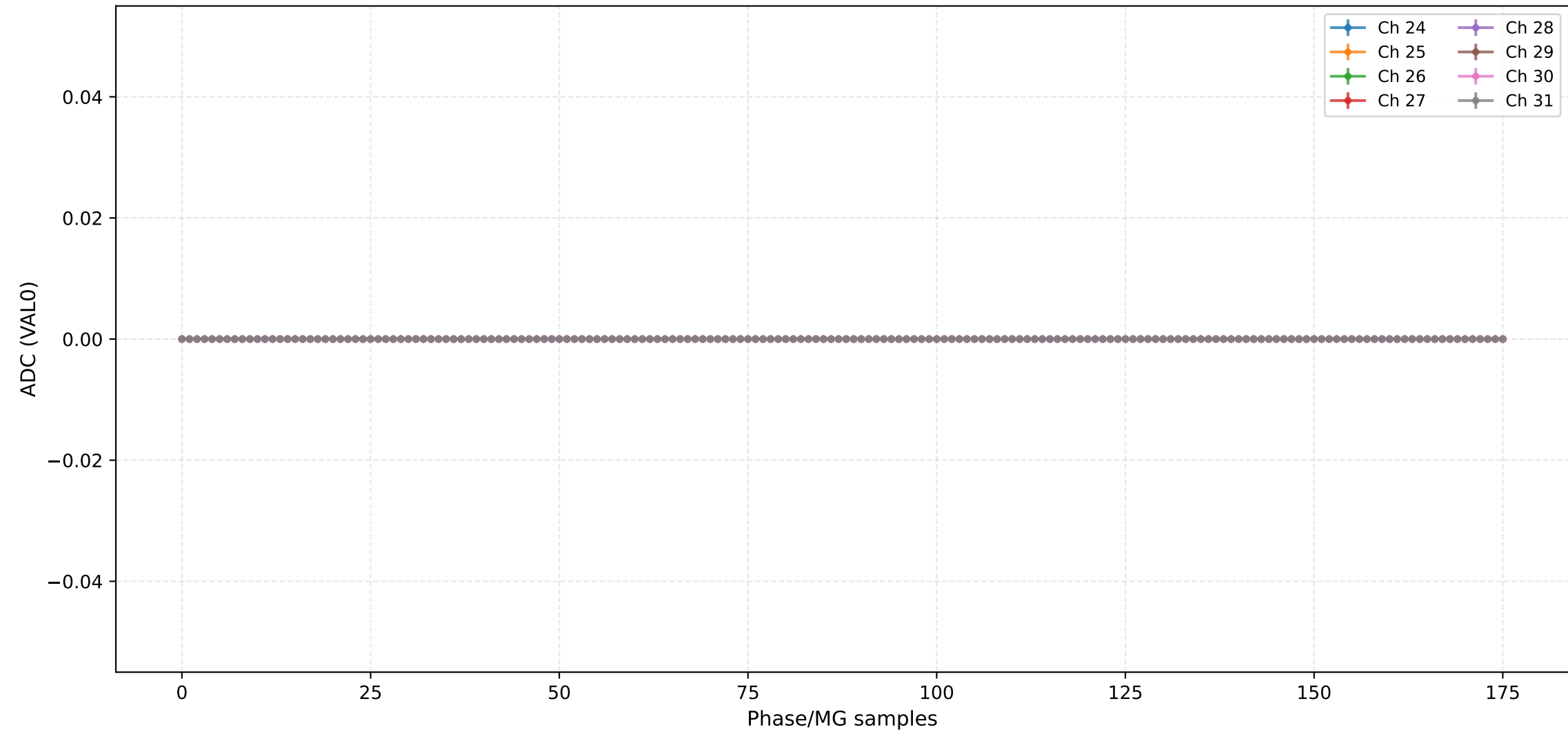
### ADC (VAL0) - Channels 8 to 15



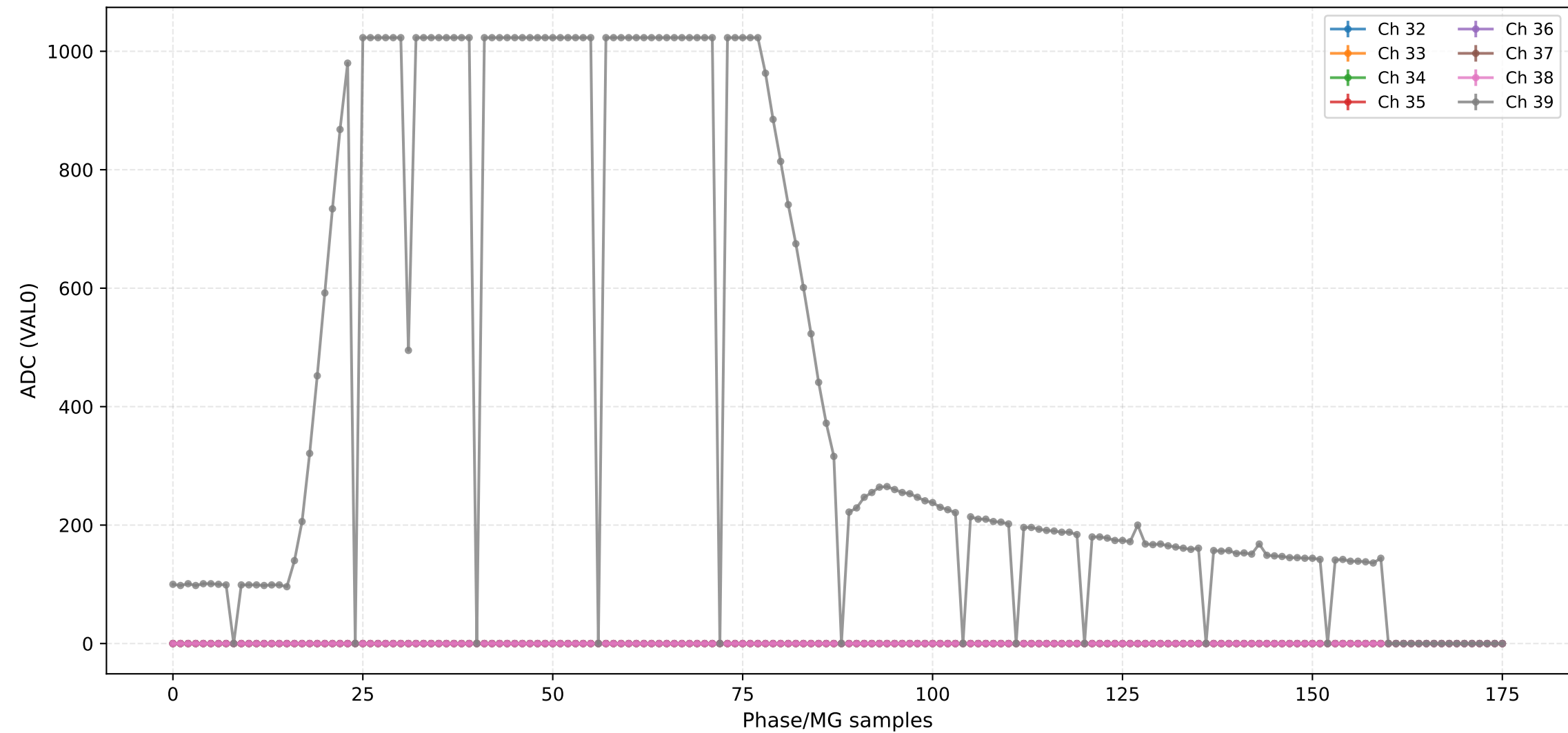
## ADC (VAL0) - Channels 16 to 23



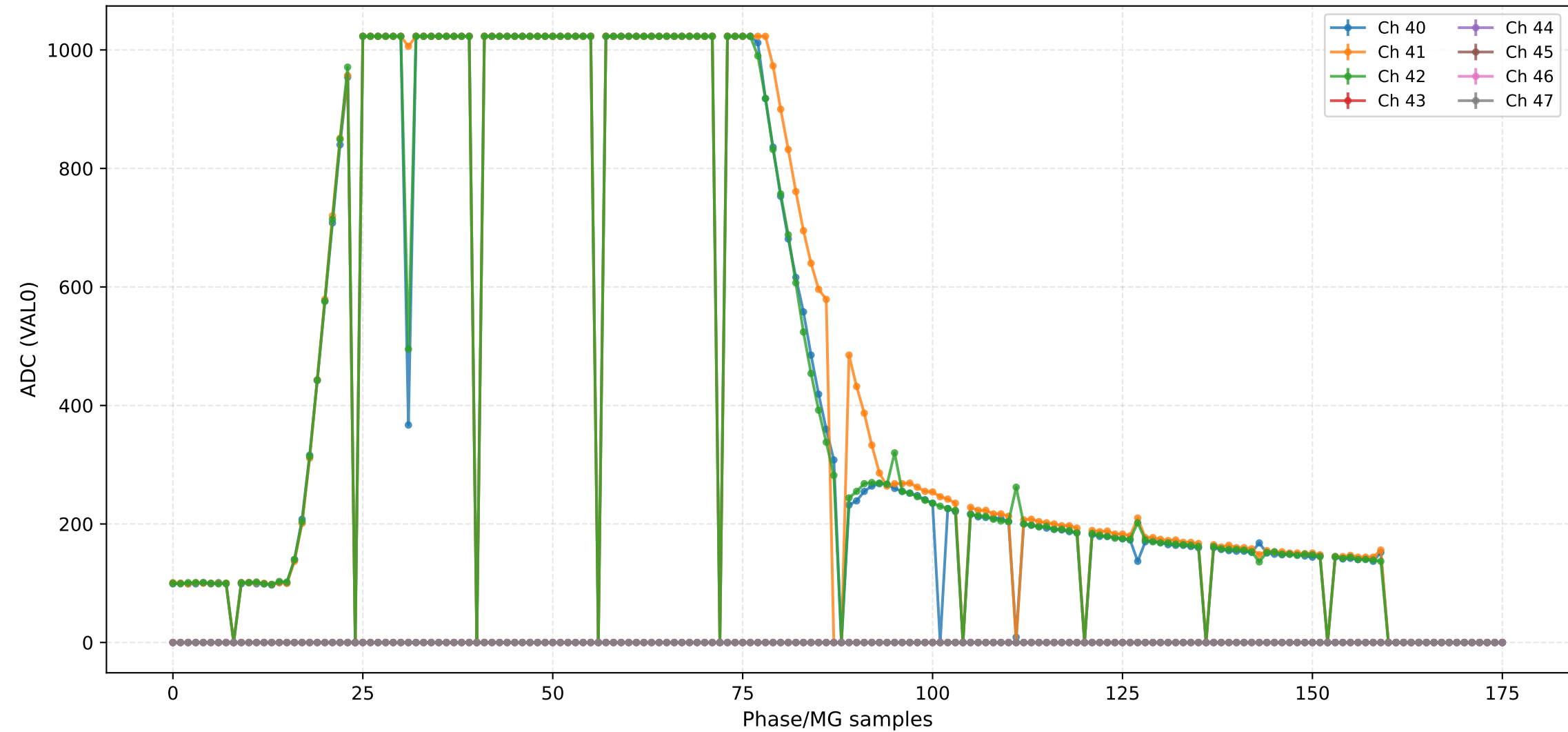
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



### ADC (VAL0) - Channels 40 to 47



### ADC (VAL0) - Channels 48 to 55

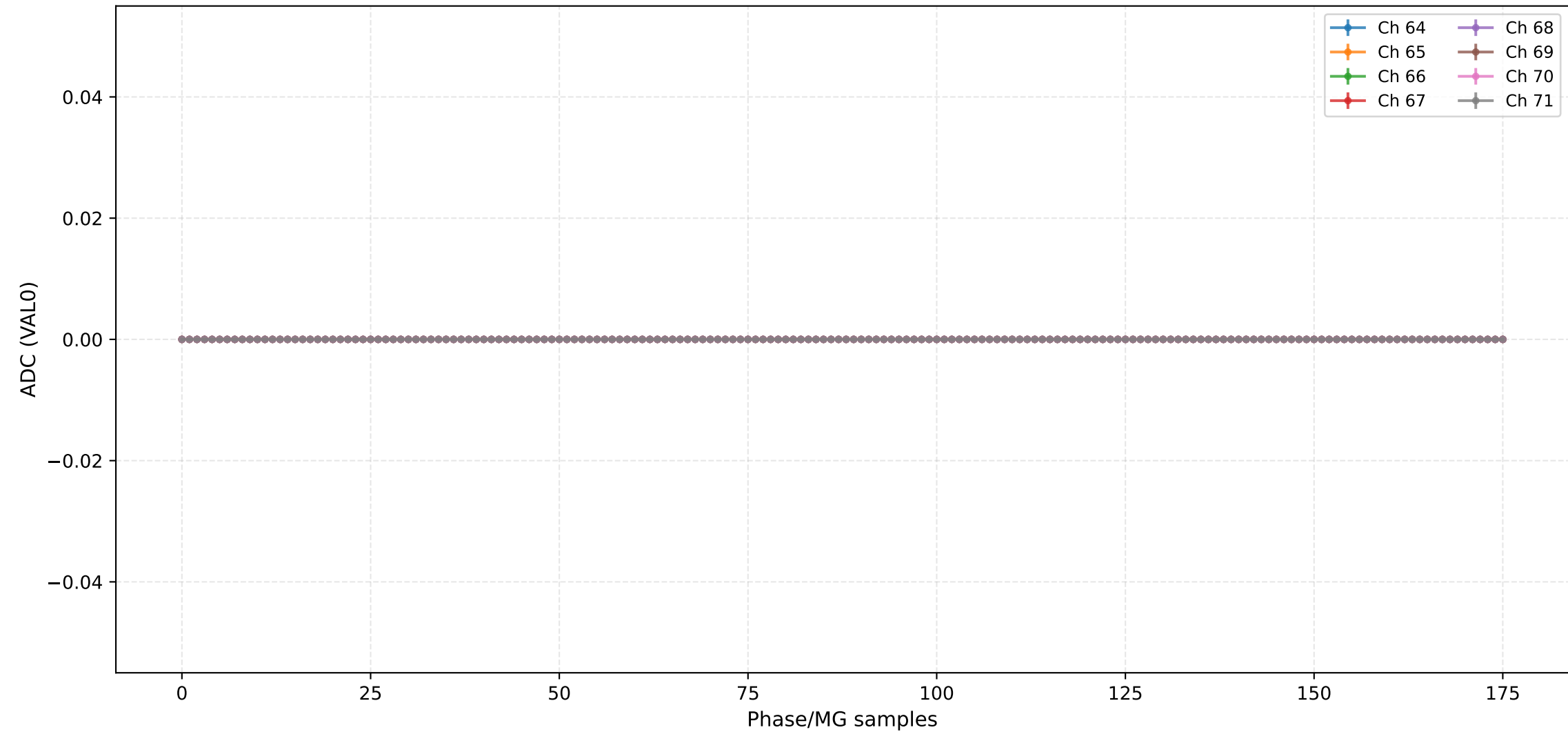


## ADC (VAL0) - Channels 56 to 63

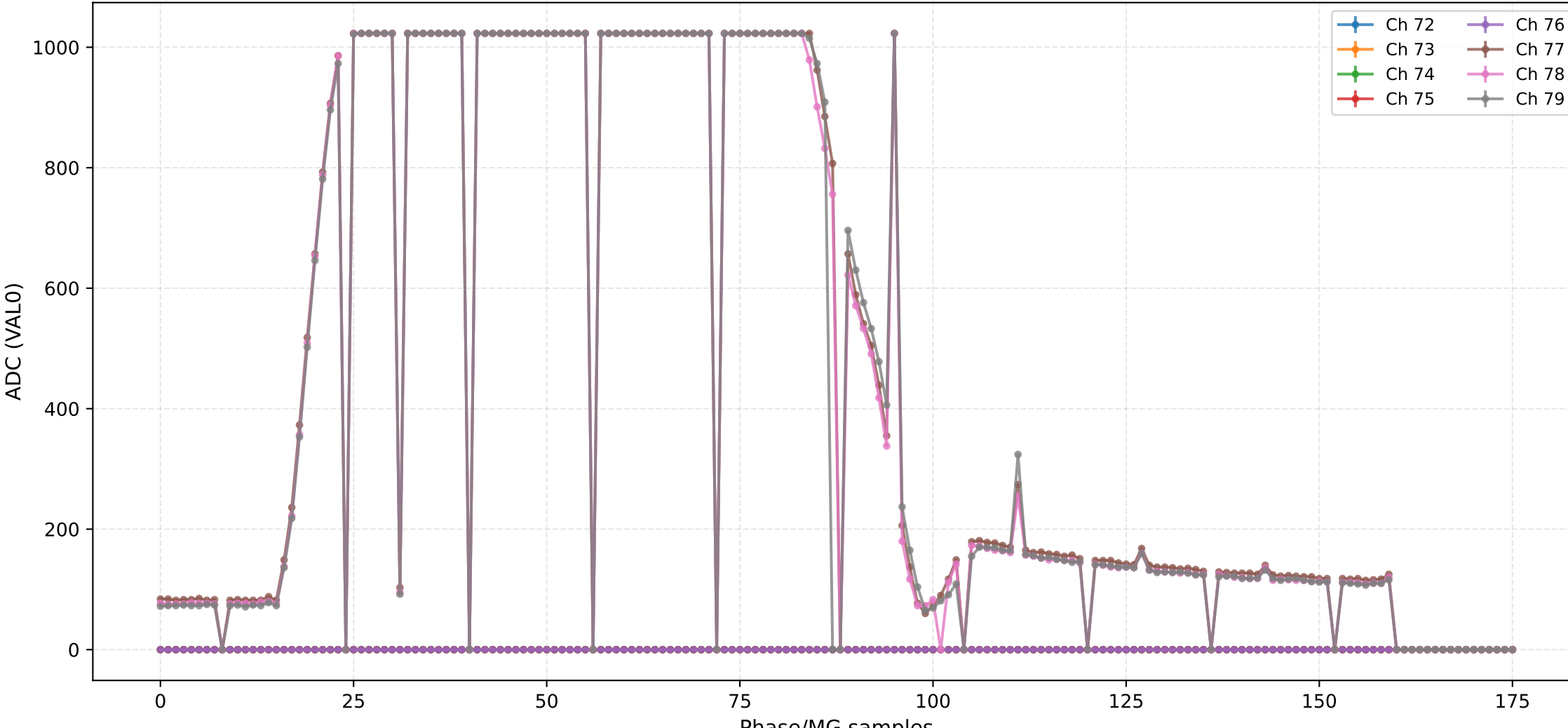




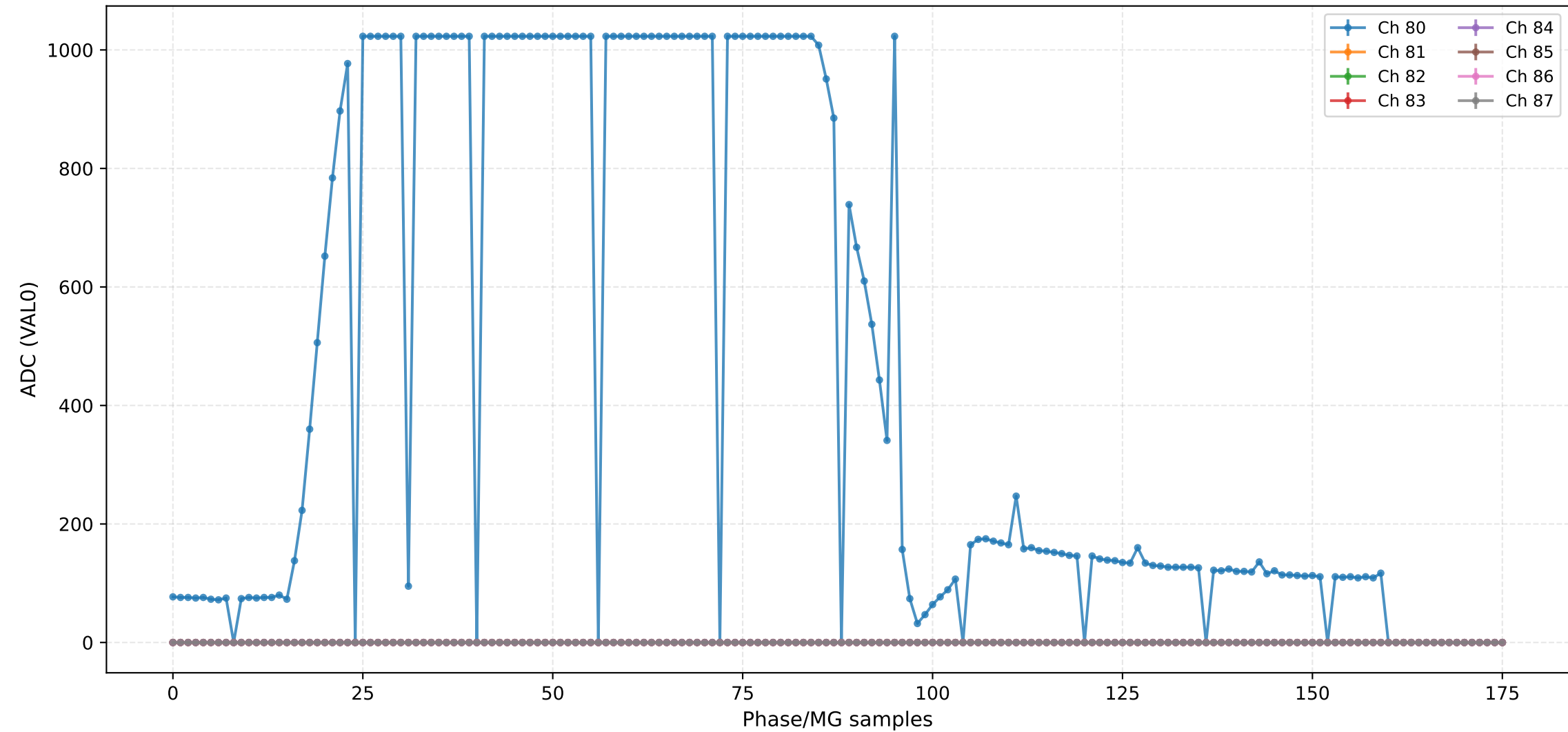
### ADC (VAL0) - Channels 64 to 71



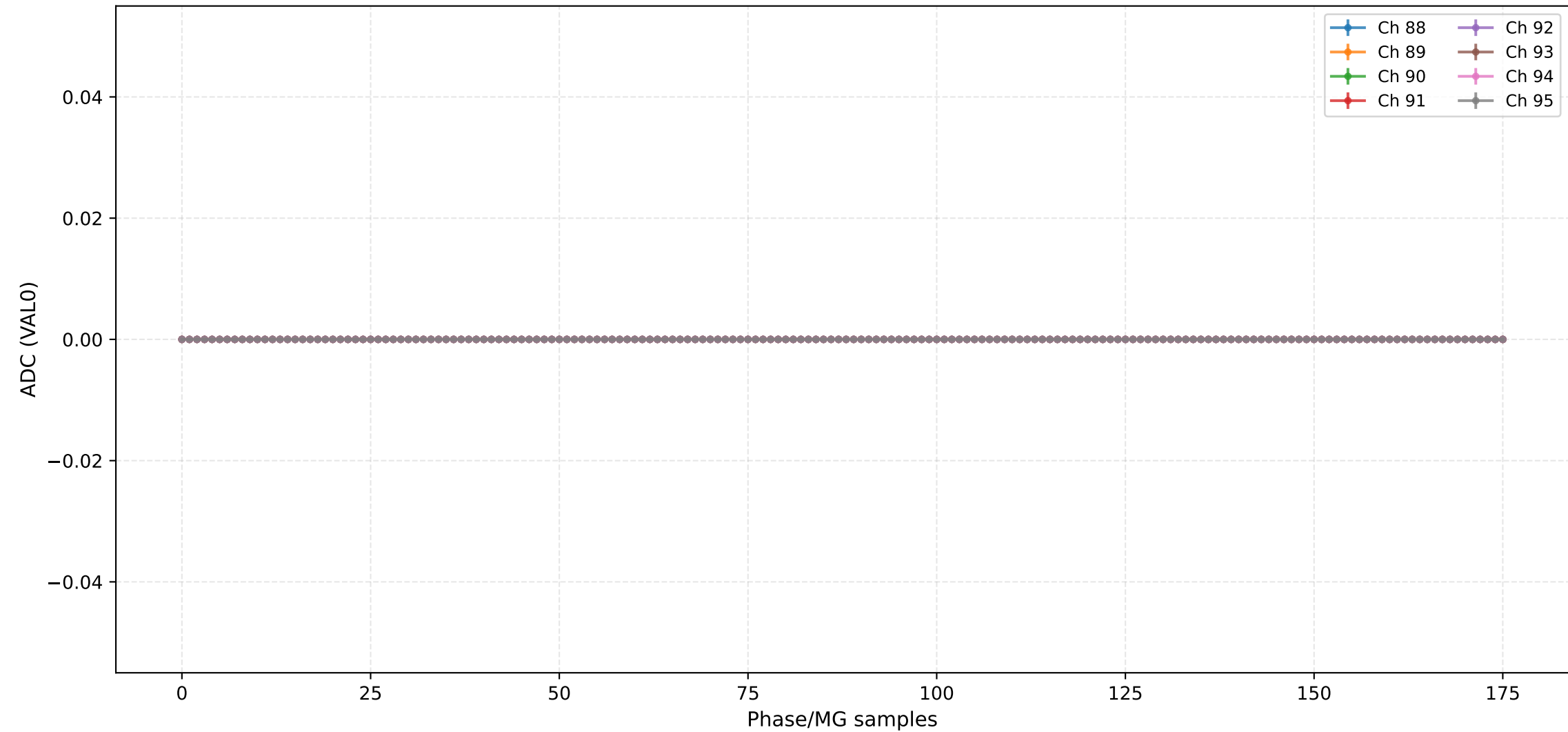
## ADC (VAL0) - Channels 72 to 79



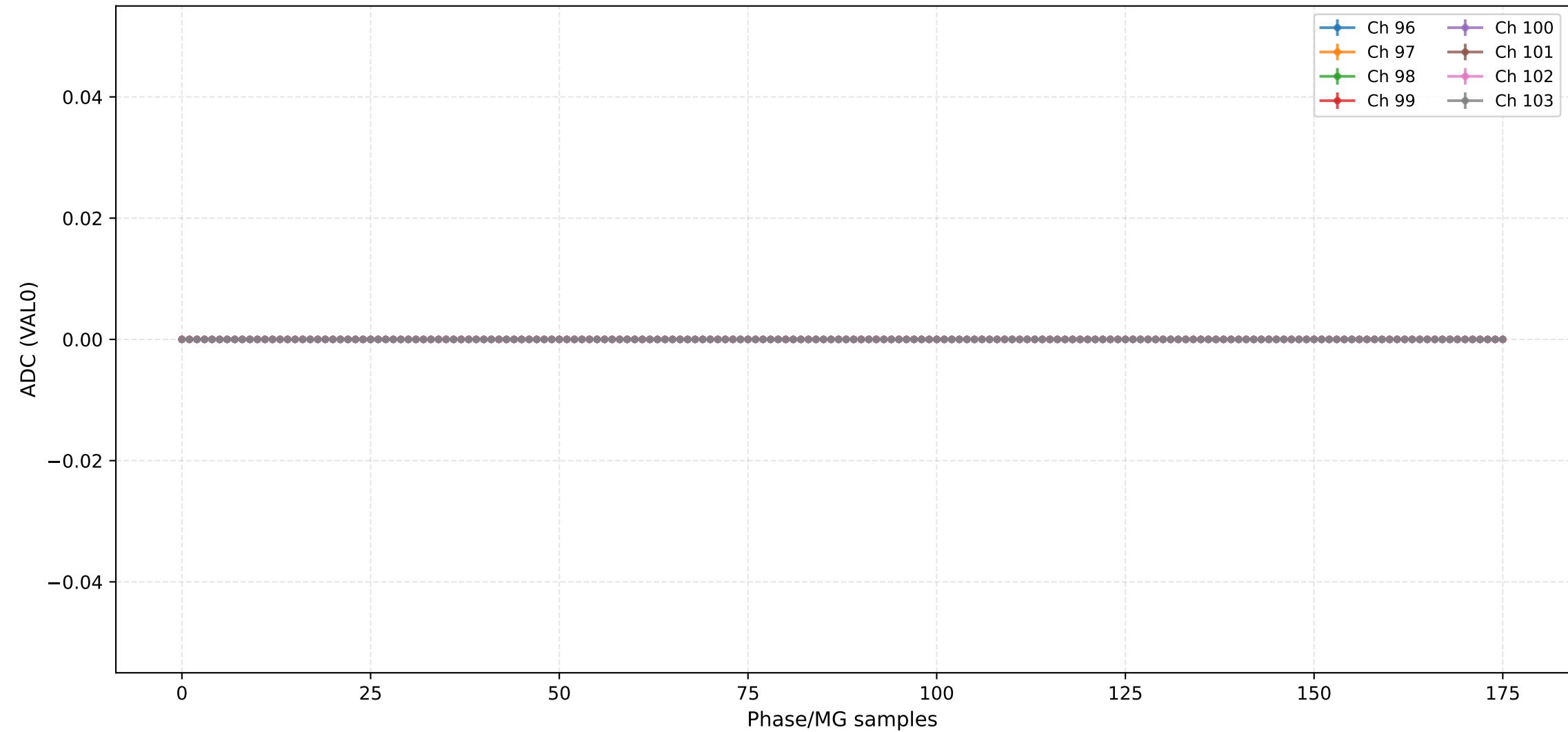
## ADC (VAL0) - Channels 80 to 87



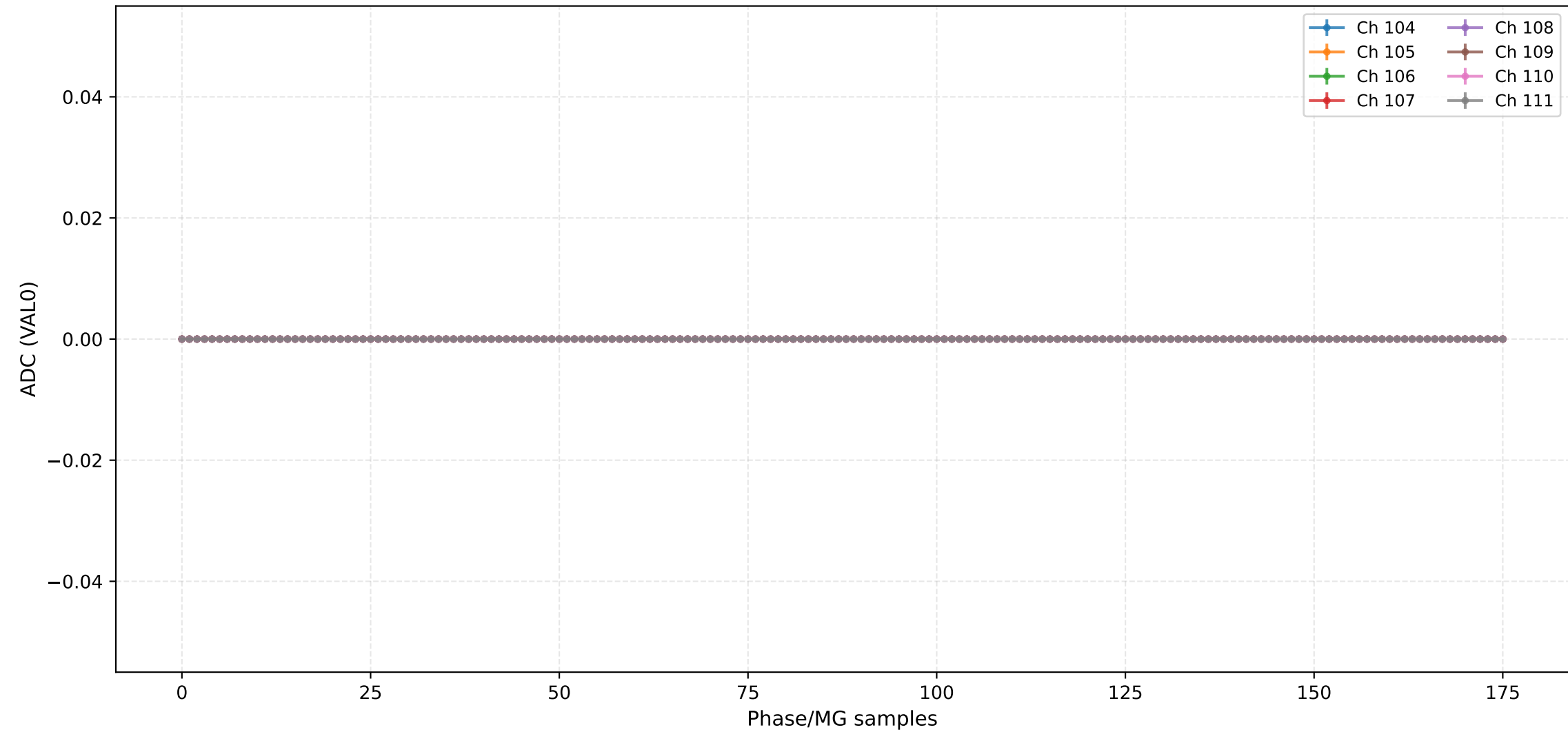
### ADC (VAL0) - Channels 88 to 95



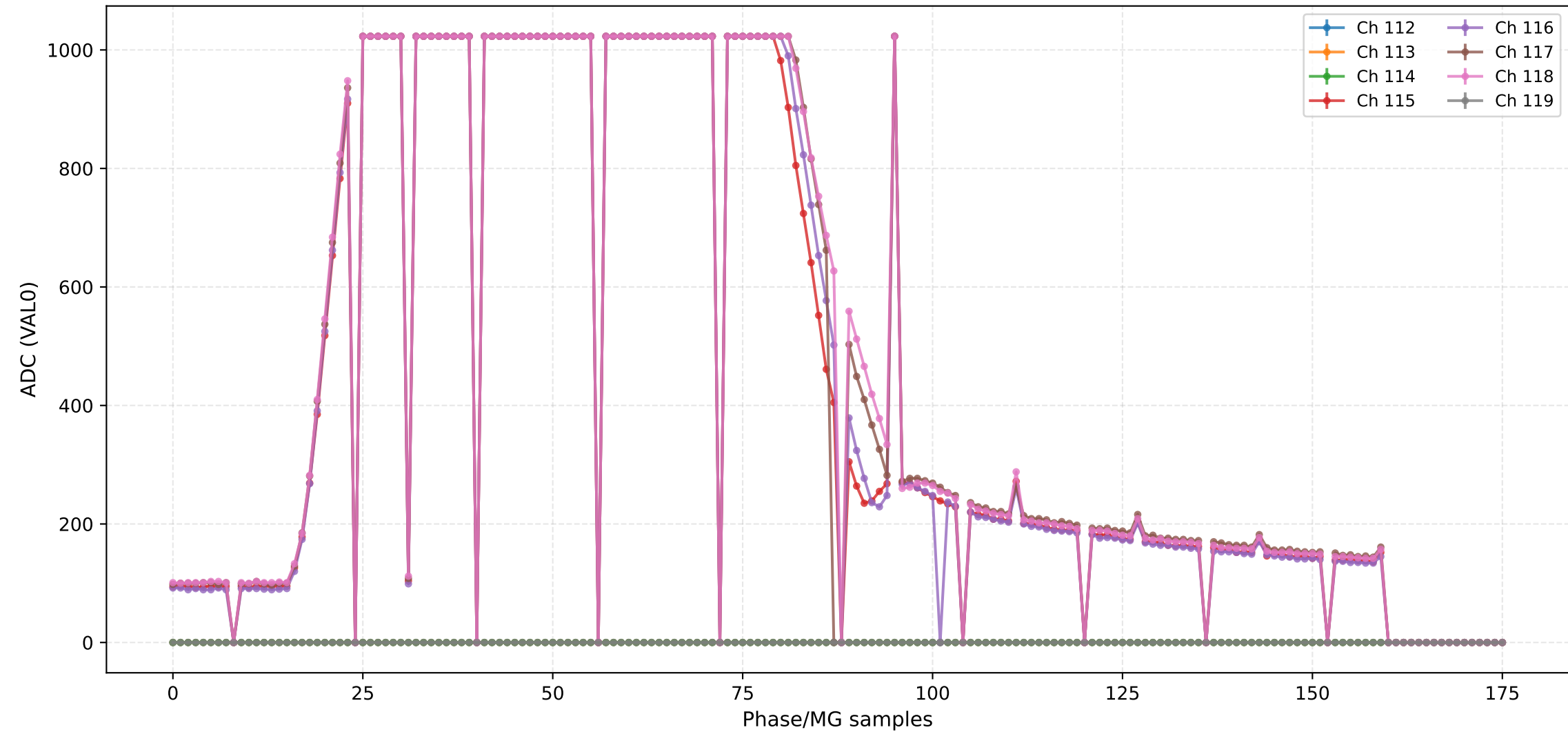
### ADC (VAL0) - Channels 96 to 103



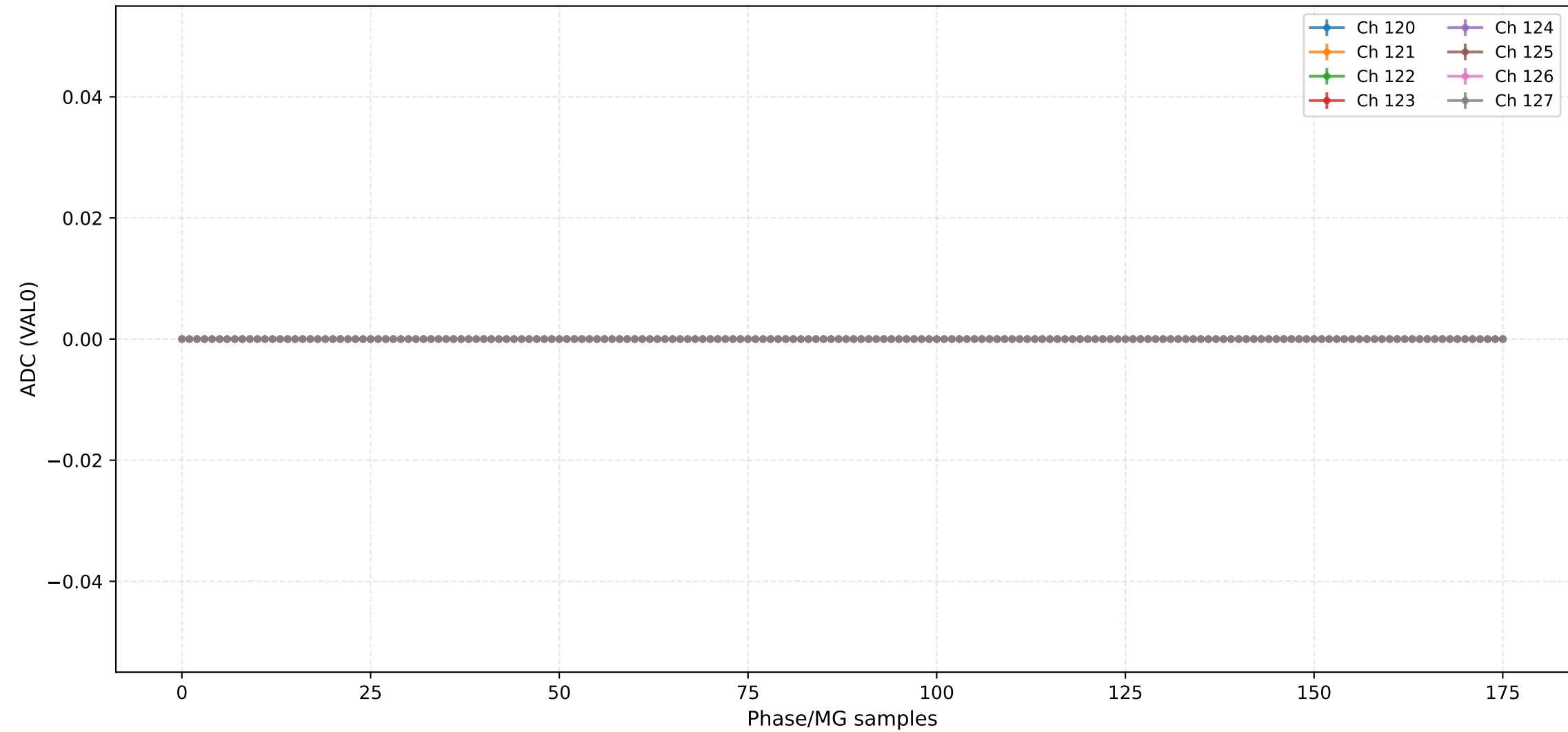
### ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119

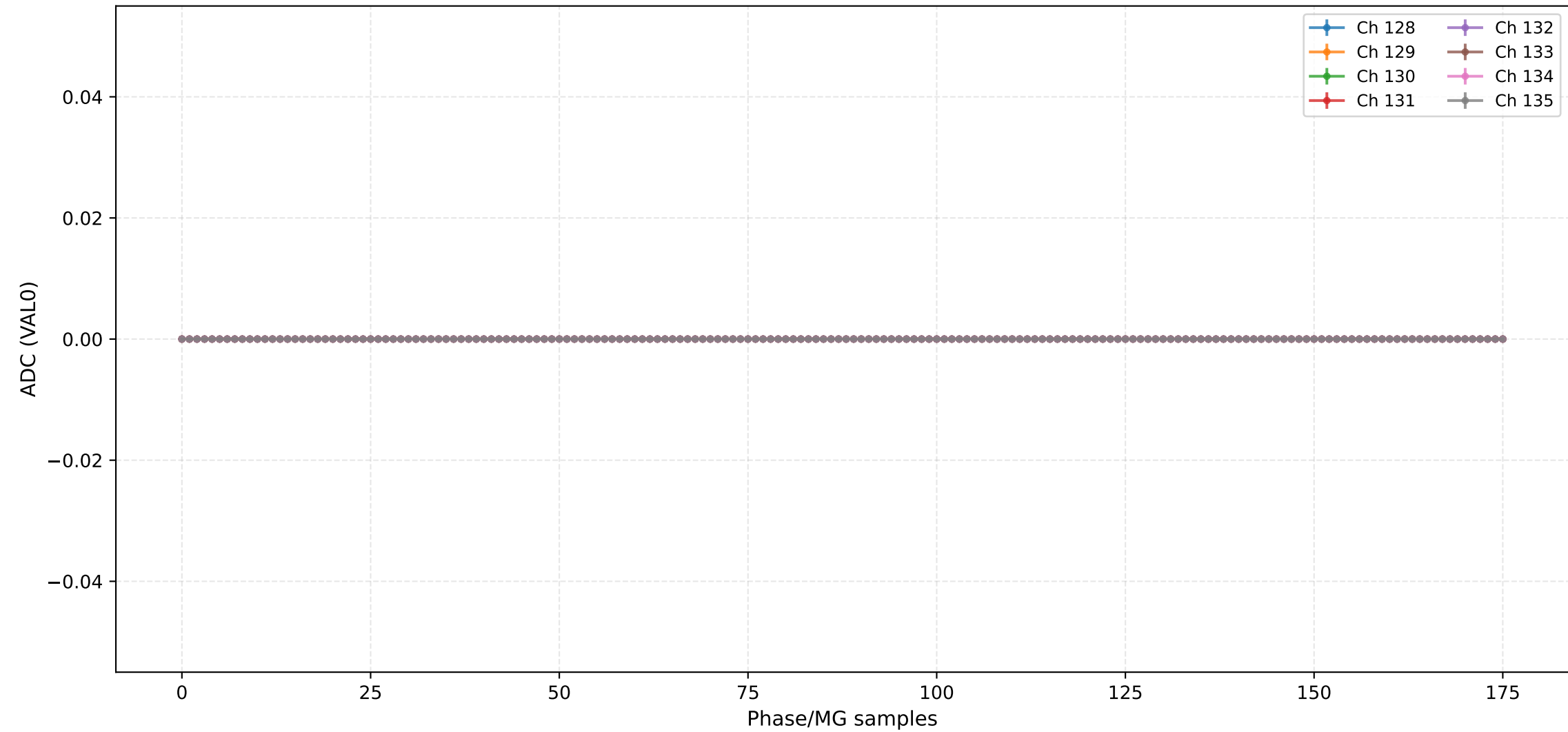


### ADC (VAL0) - Channels 120 to 127

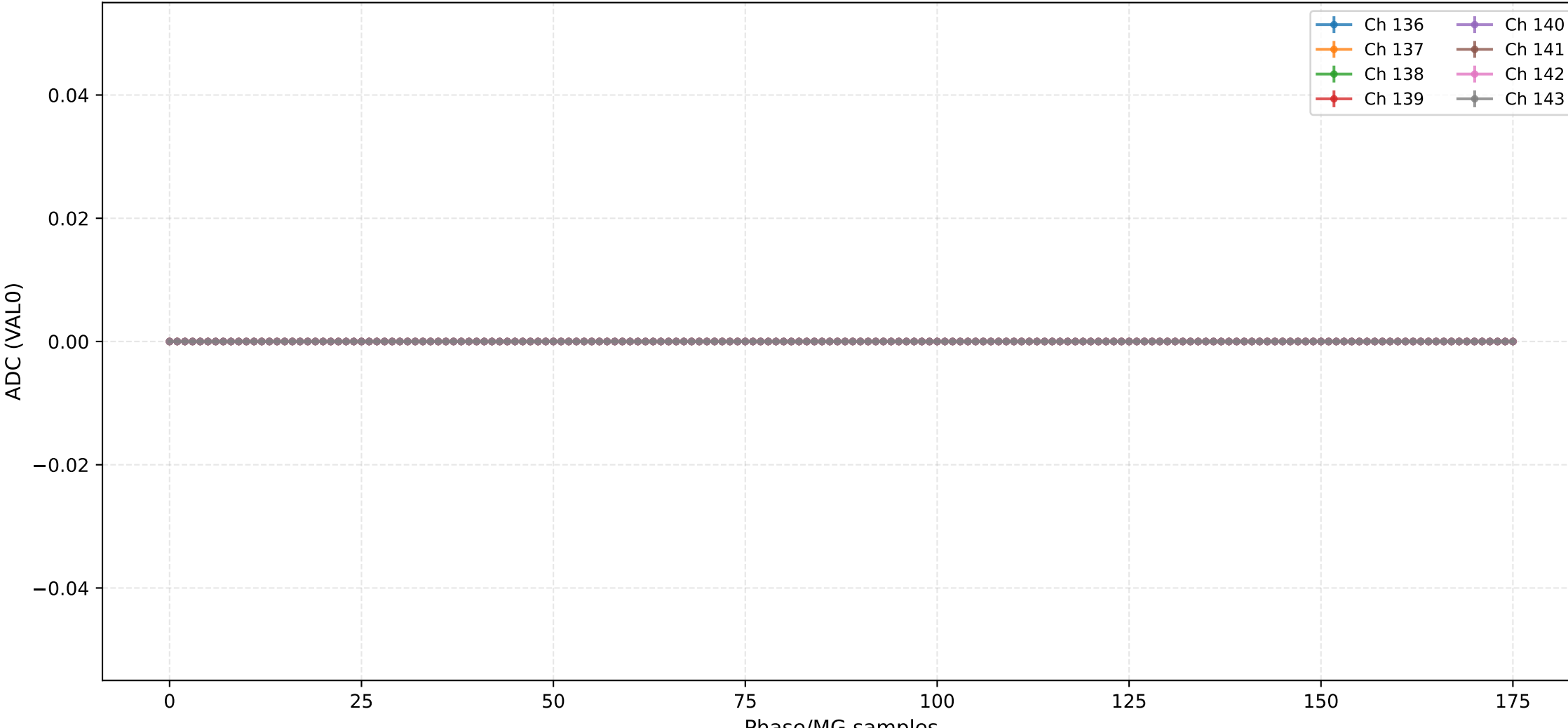




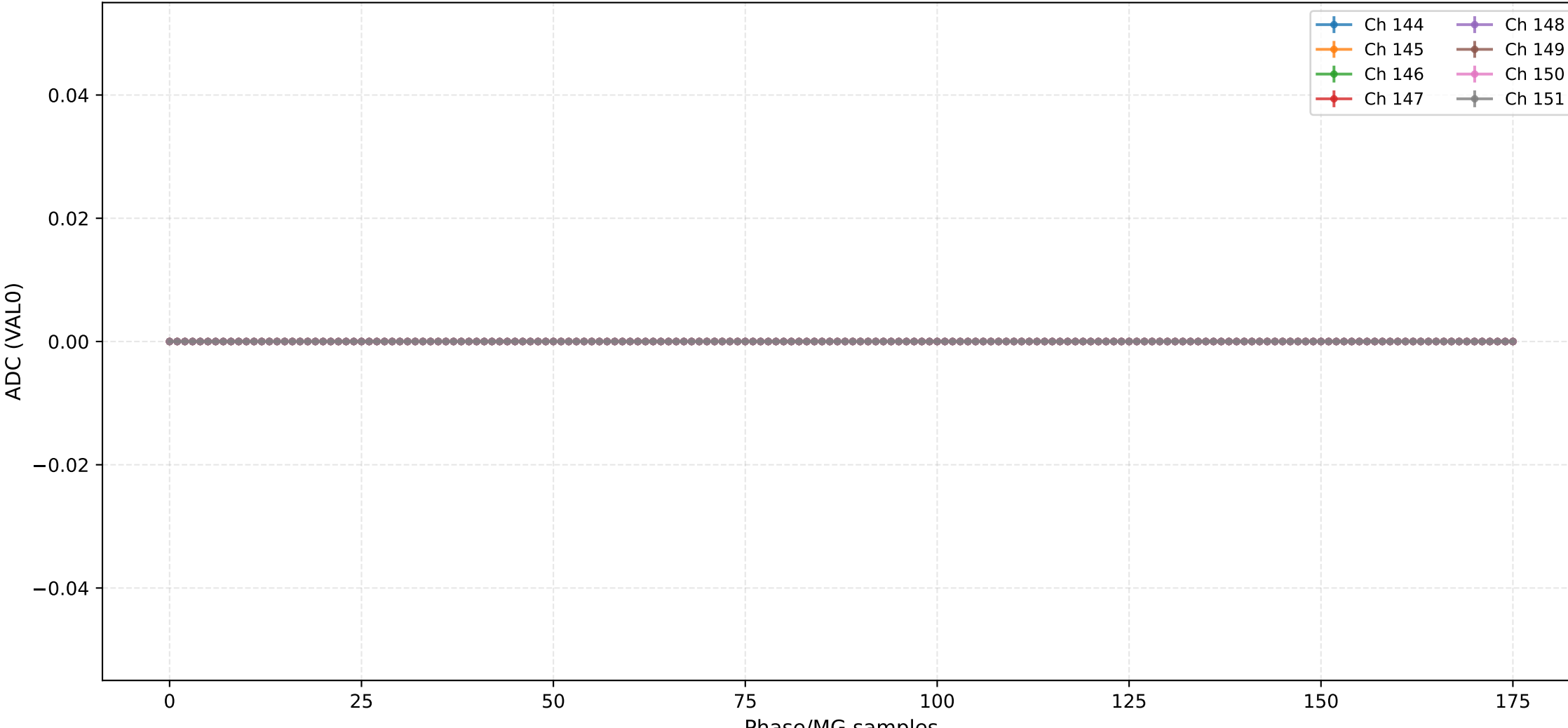
### ADC (VAL0) - Channels 128 to 135



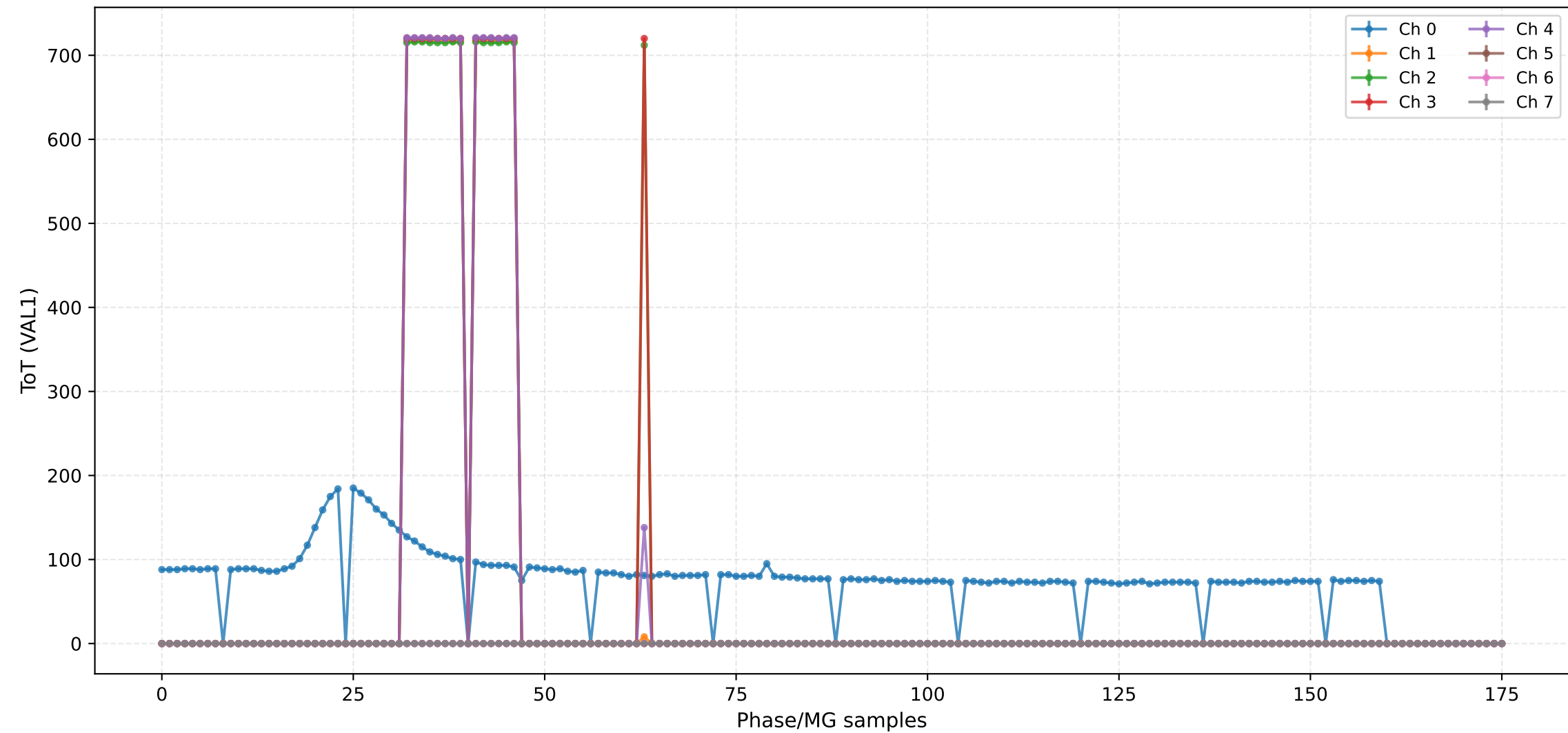
## ADC (VAL0) - Channels 136 to 143



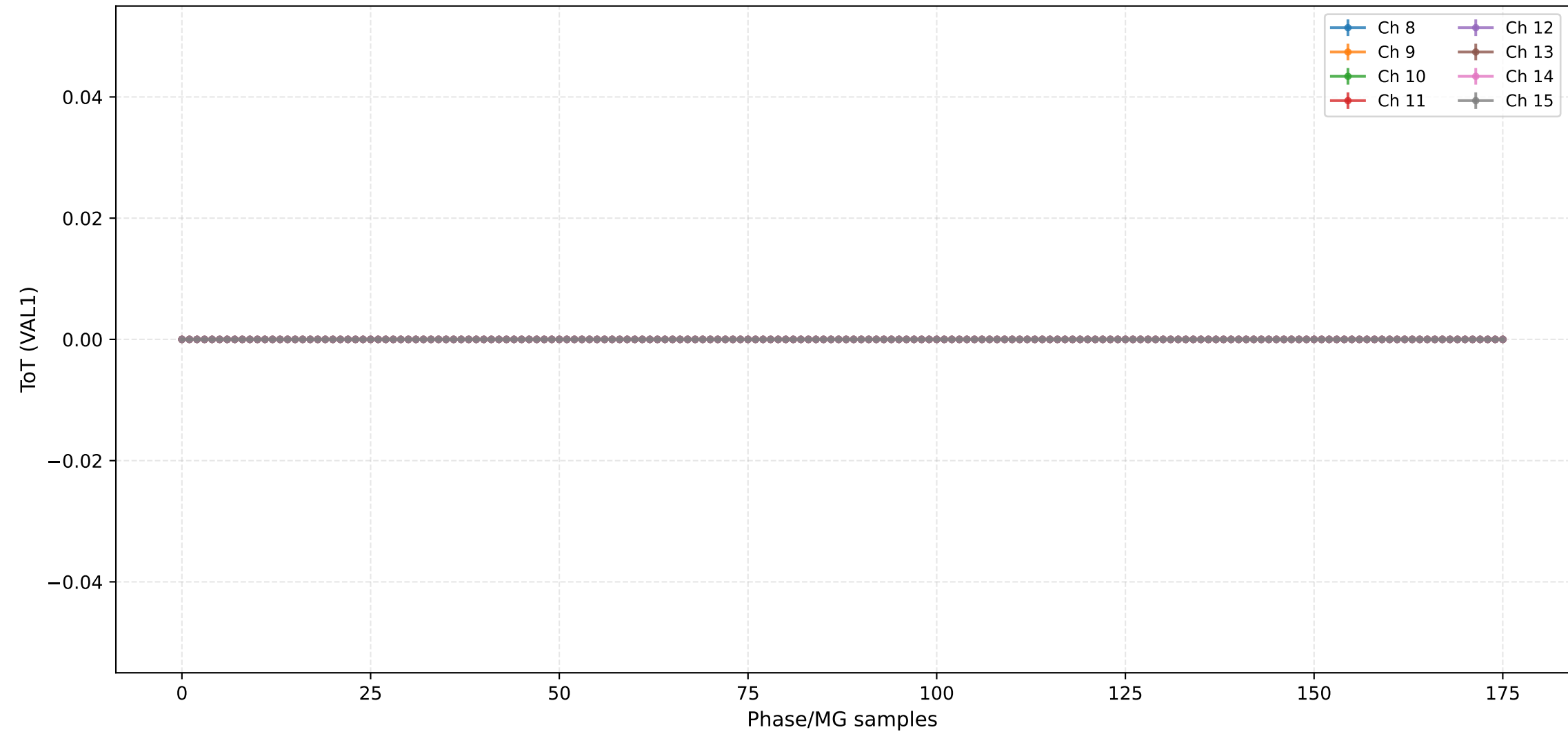
## ADC (VAL0) - Channels 144 to 151



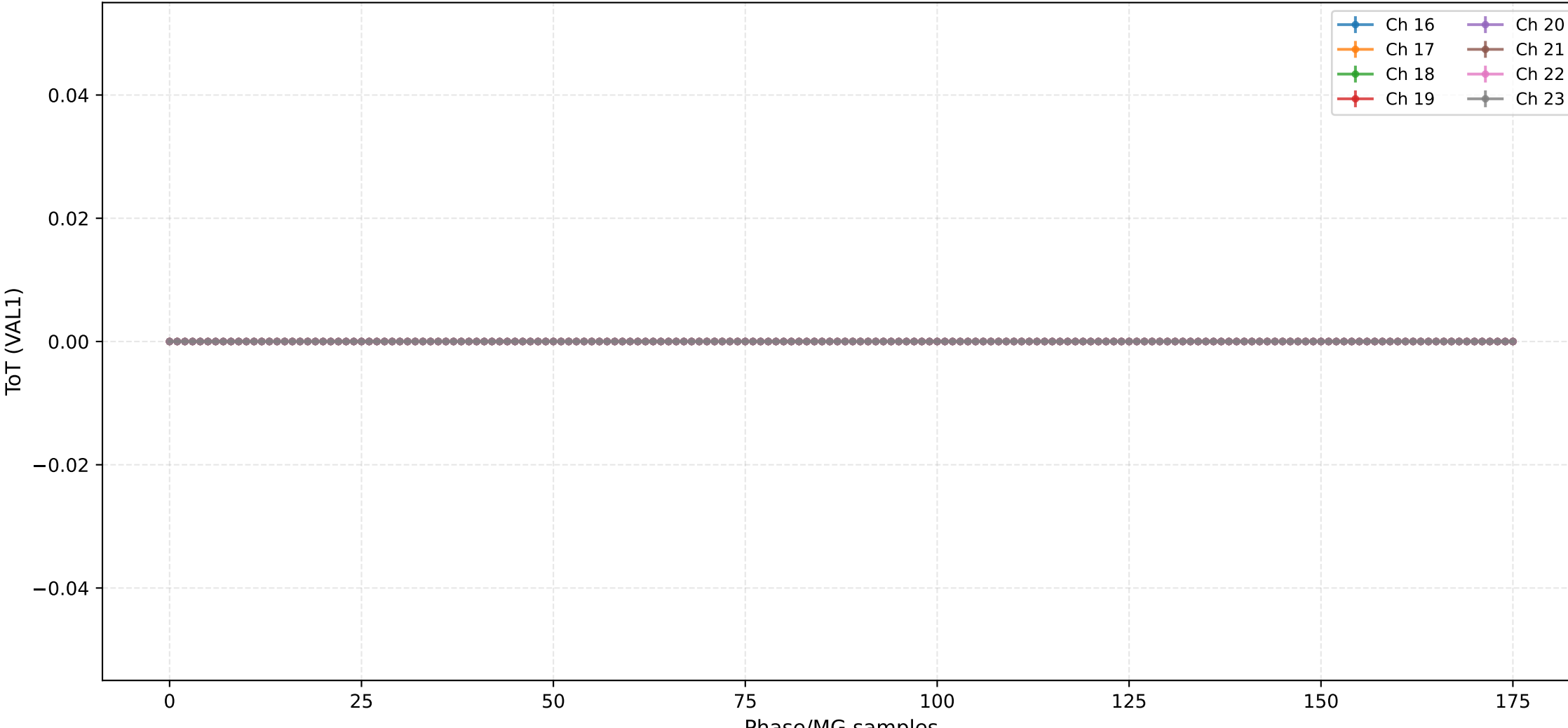
ToT (VAL1) - Channels 0 to 7



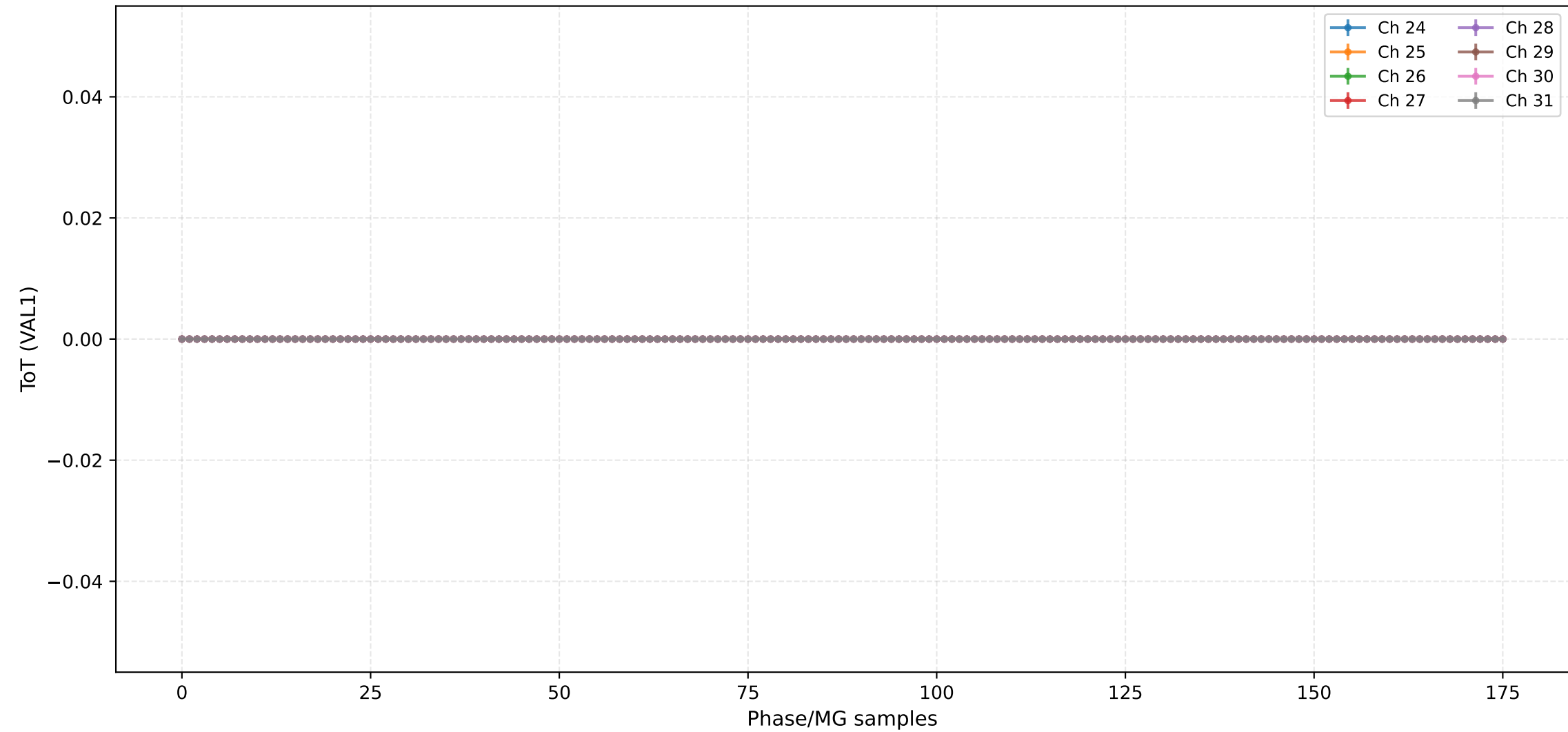
## ToT (VAL1) - Channels 8 to 15



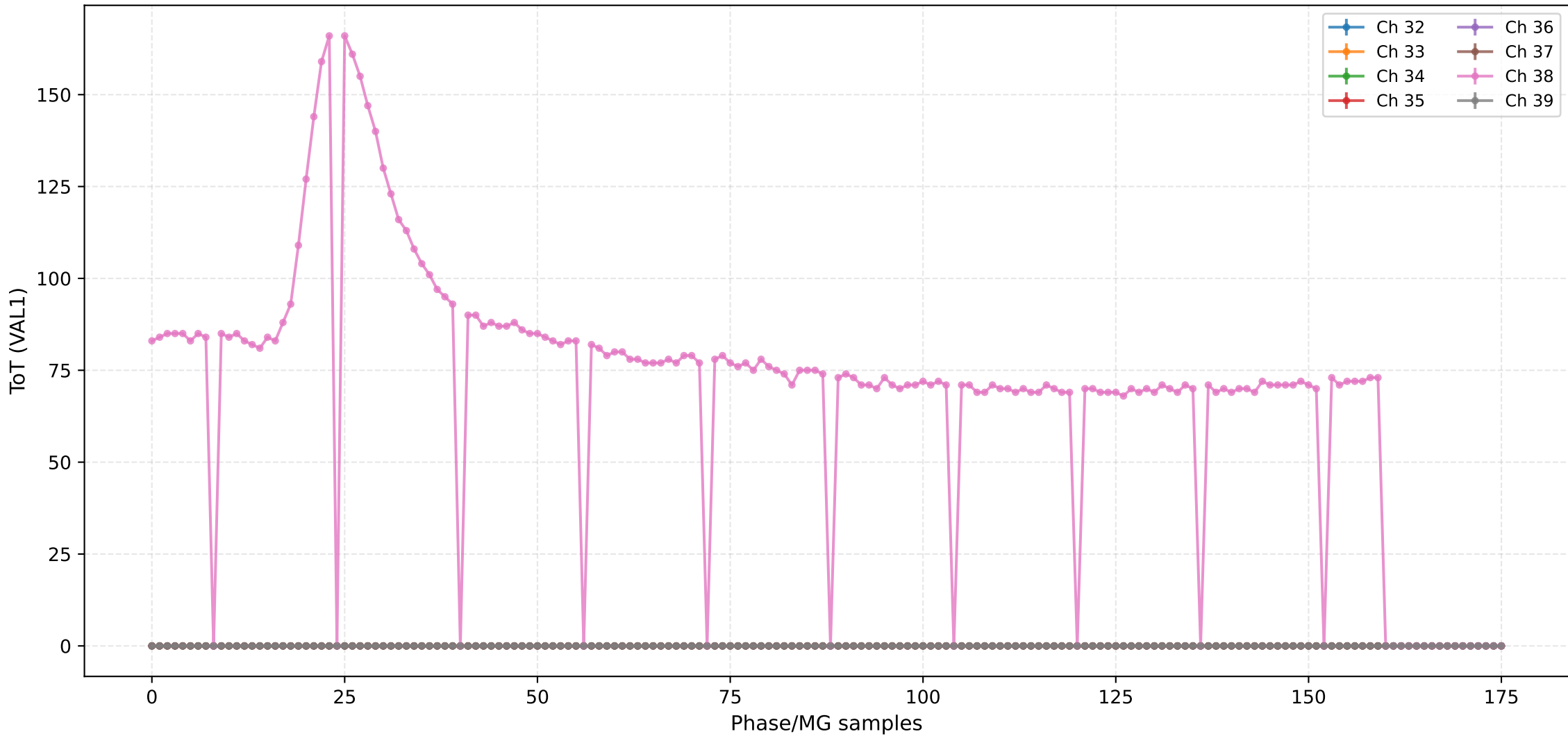
## ToT (VAL1) - Channels 16 to 23



### ToT (VAL1) - Channels 24 to 31

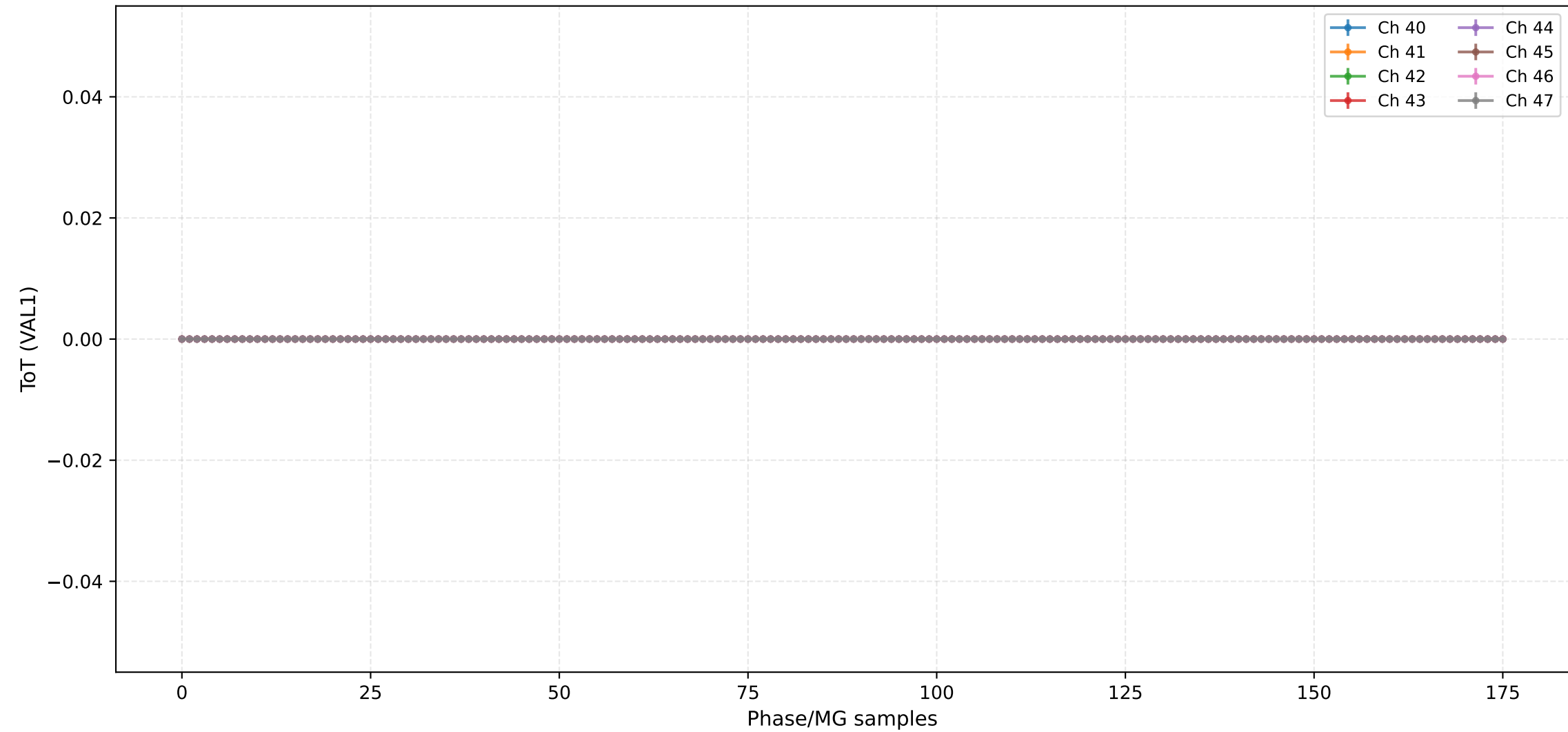


## ToT (VAL1) - Channels 32 to 39

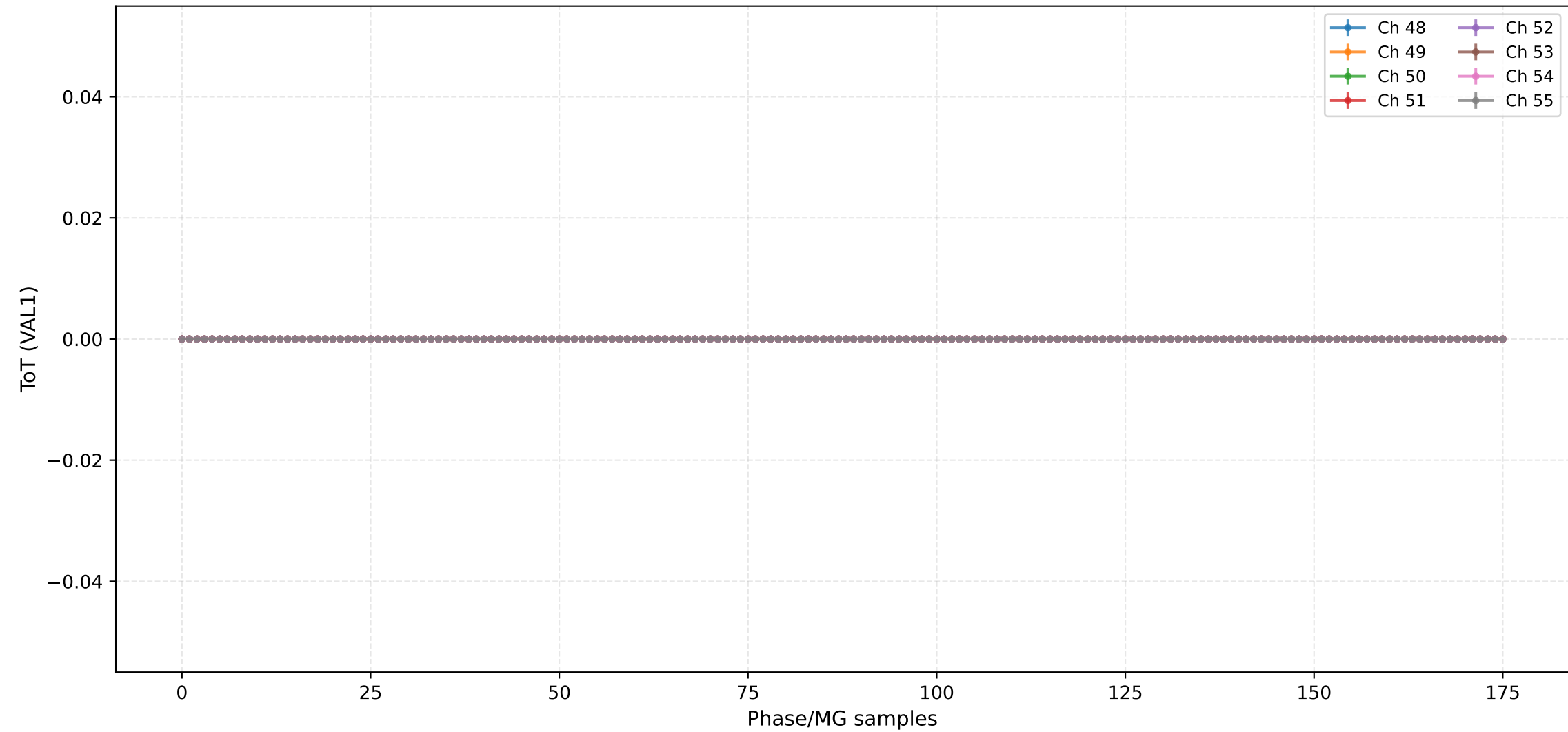




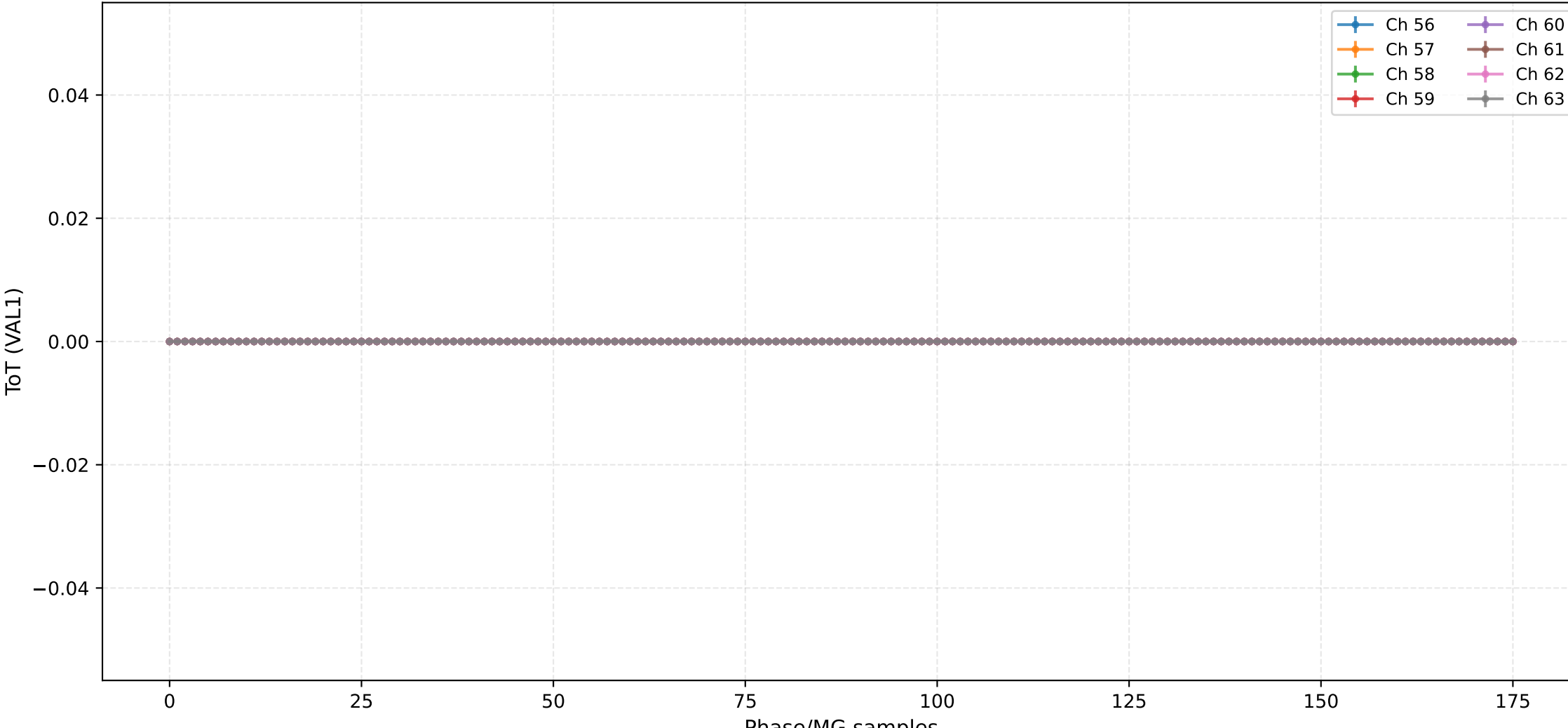
ToT (VAL1) - Channels 40 to 47



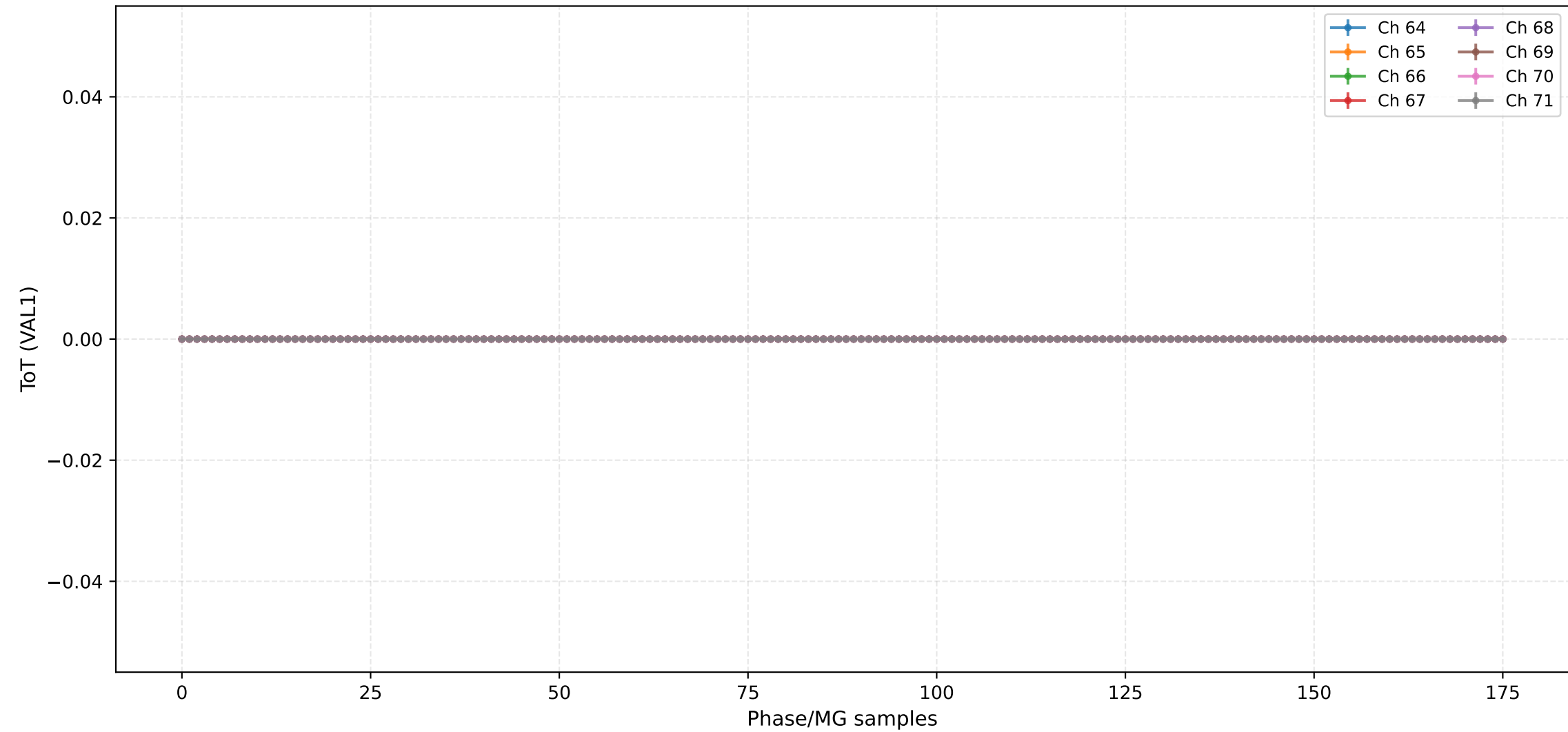
### ToT (VAL1) - Channels 48 to 55



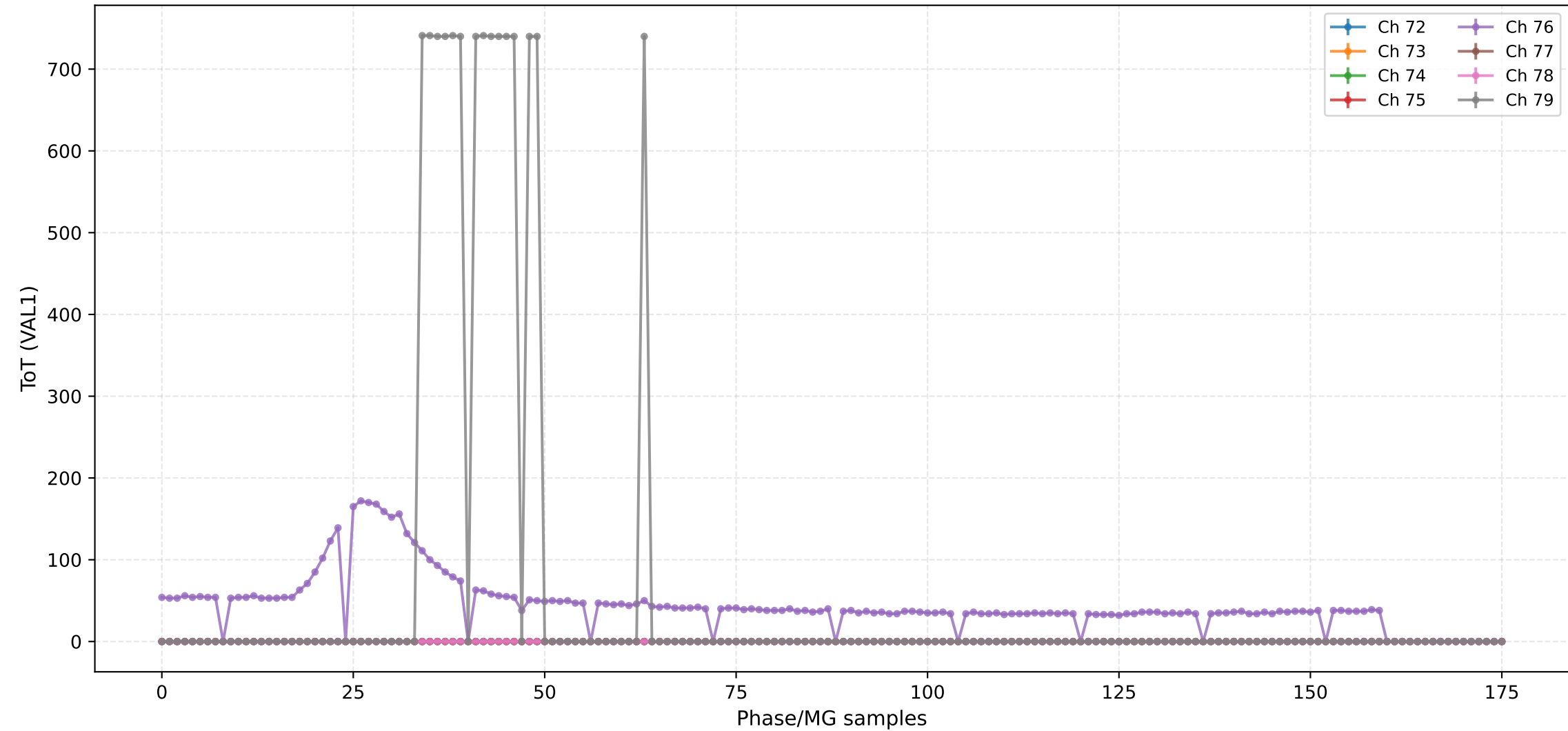
## ToT (VAL1) - Channels 56 to 63



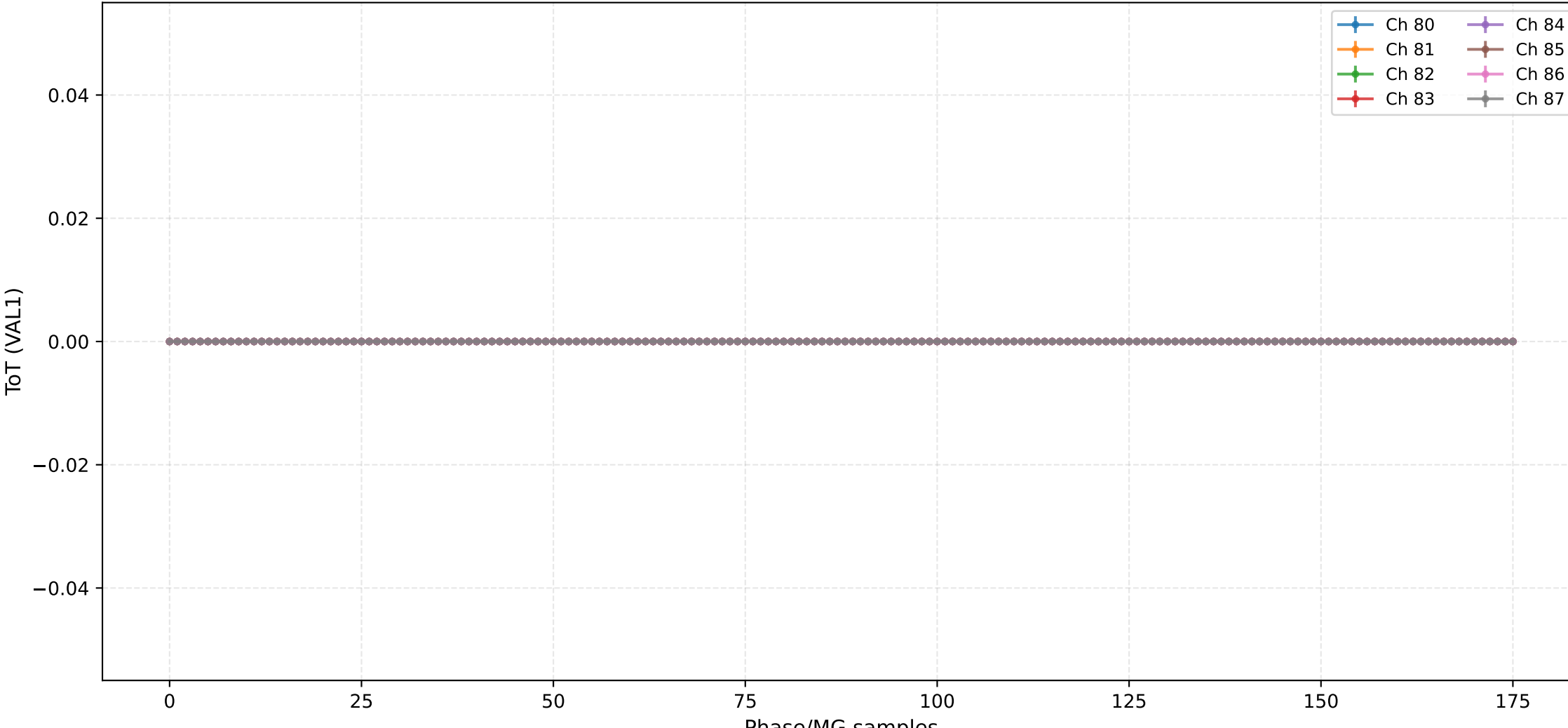
ToT (VAL1) - Channels 64 to 71



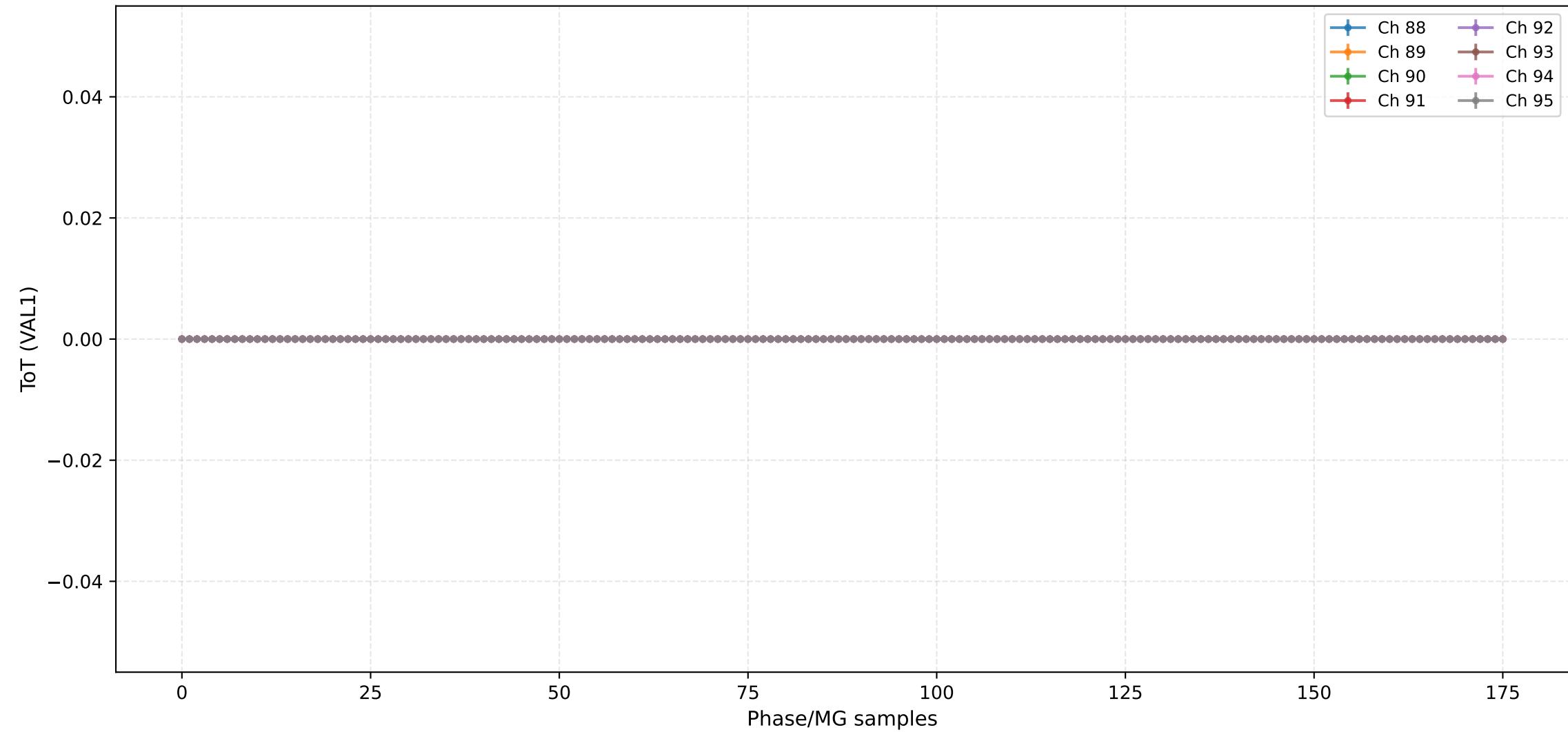
## ToT (VAL1) - Channels 72 to 79



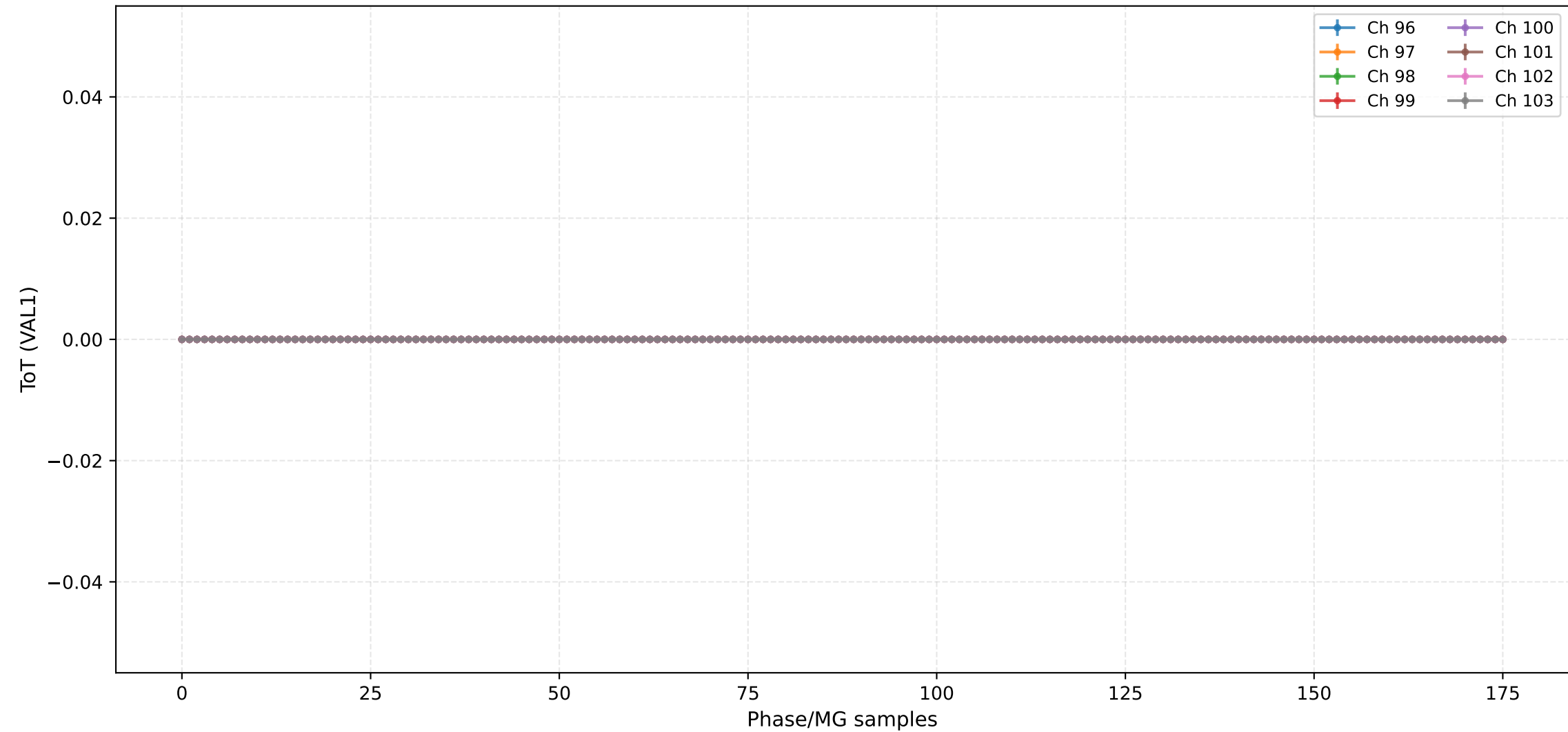
## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

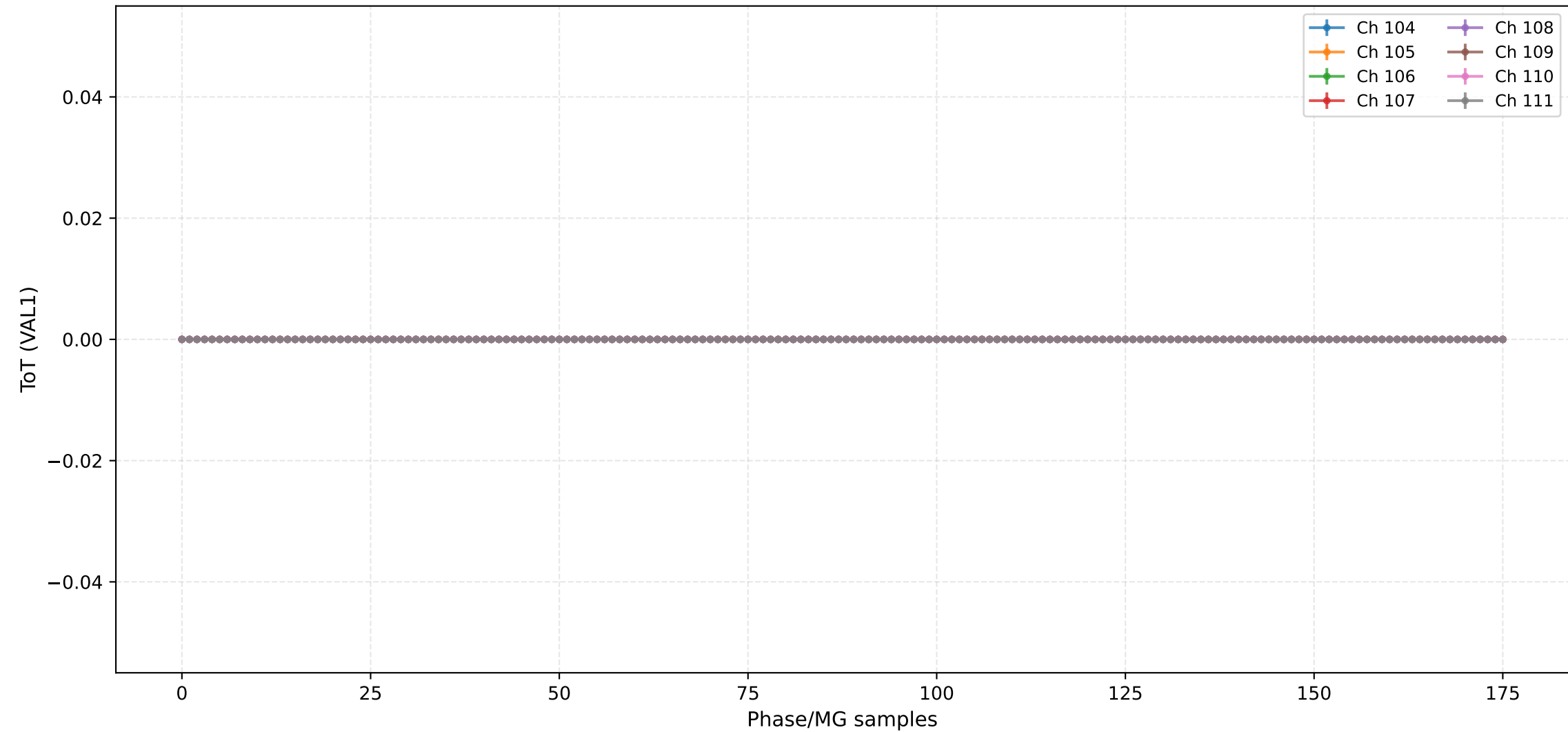


ToT (VAL1) - Channels 96 to 103

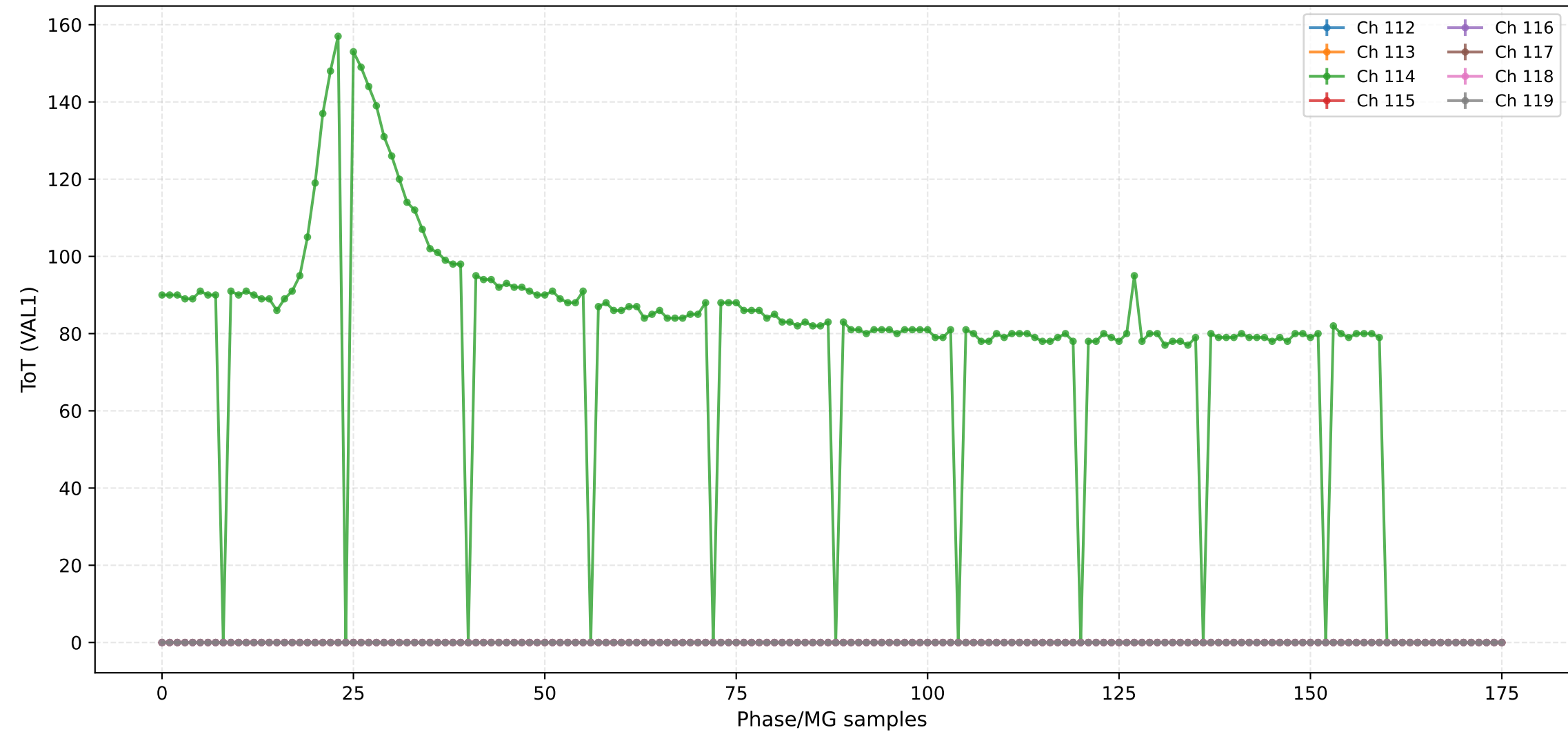




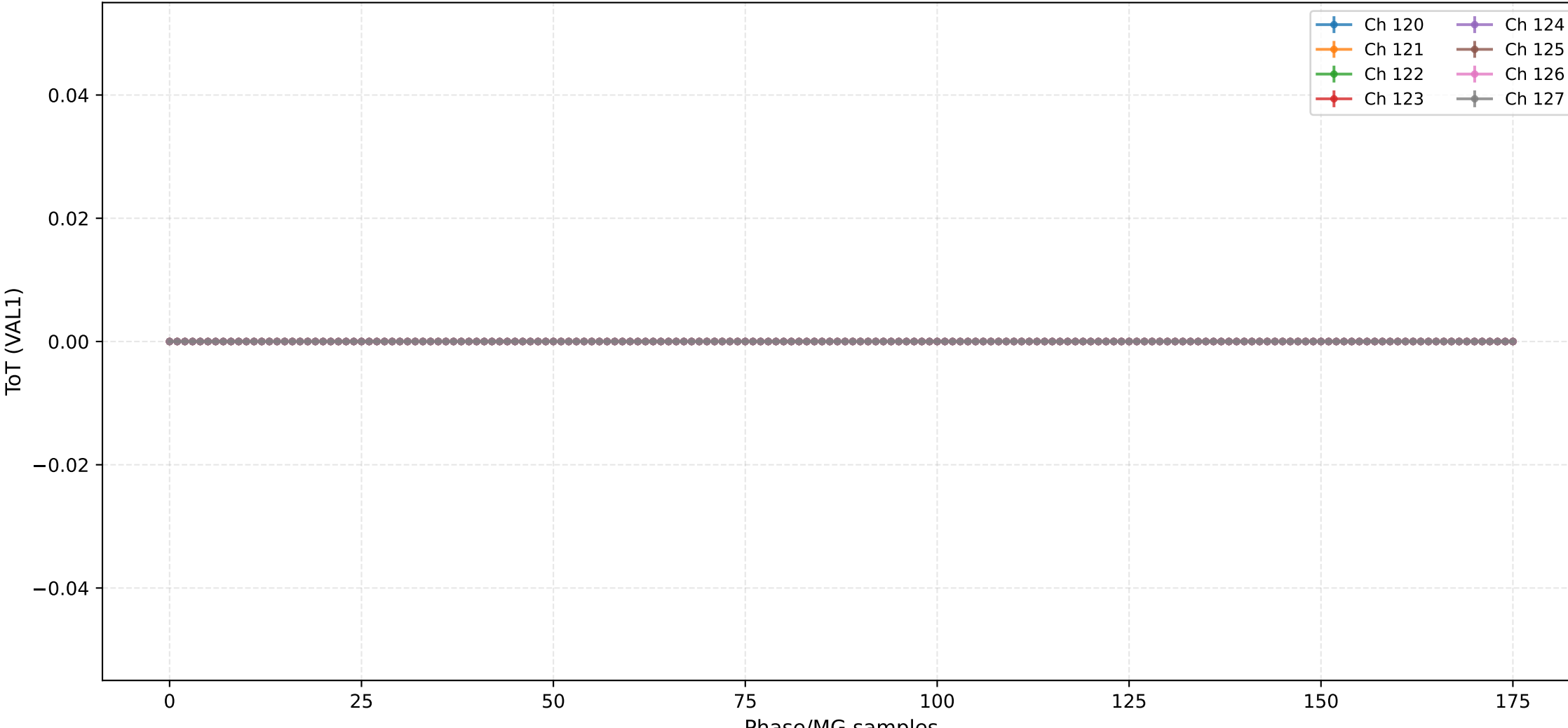
ToT (VAL1) - Channels 104 to 111



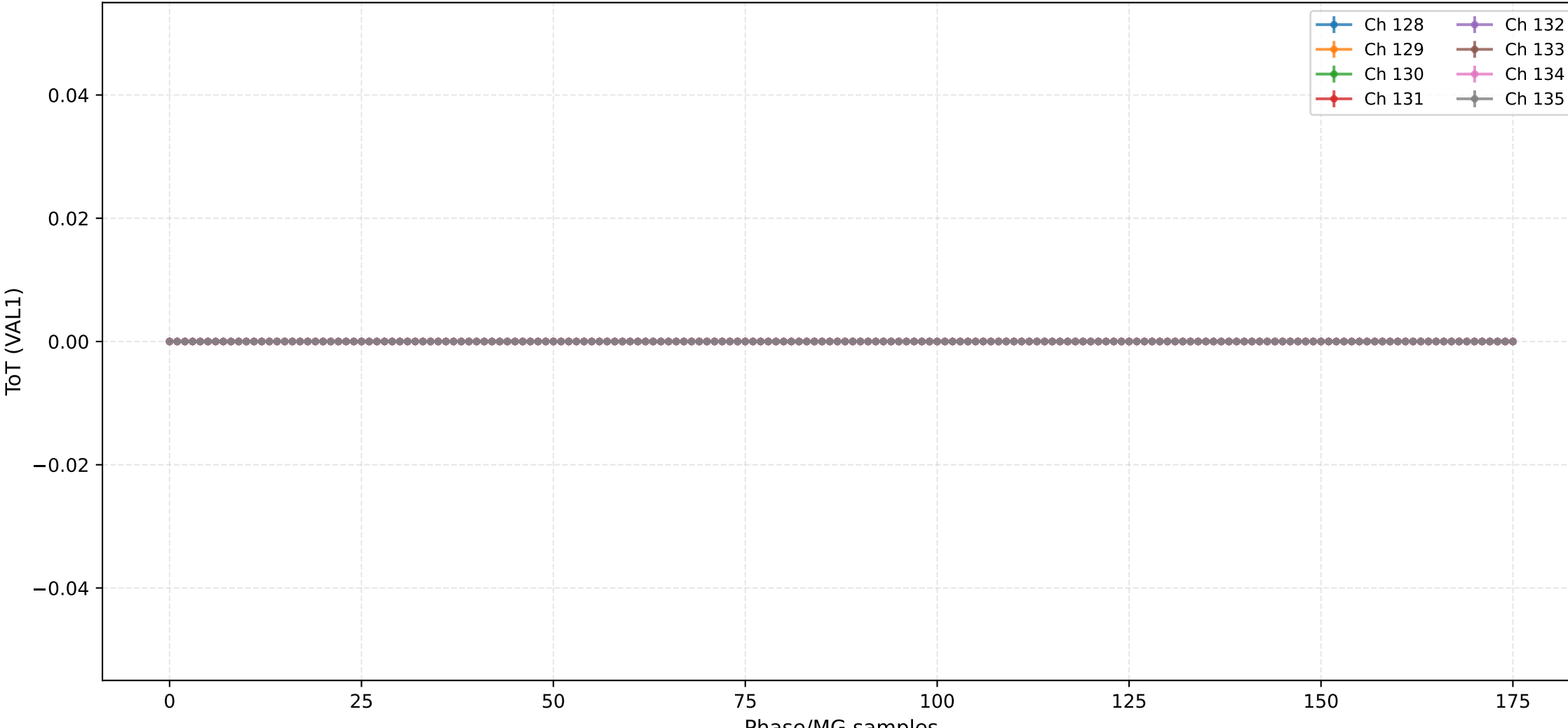
### ToT (VAL1) - Channels 112 to 119



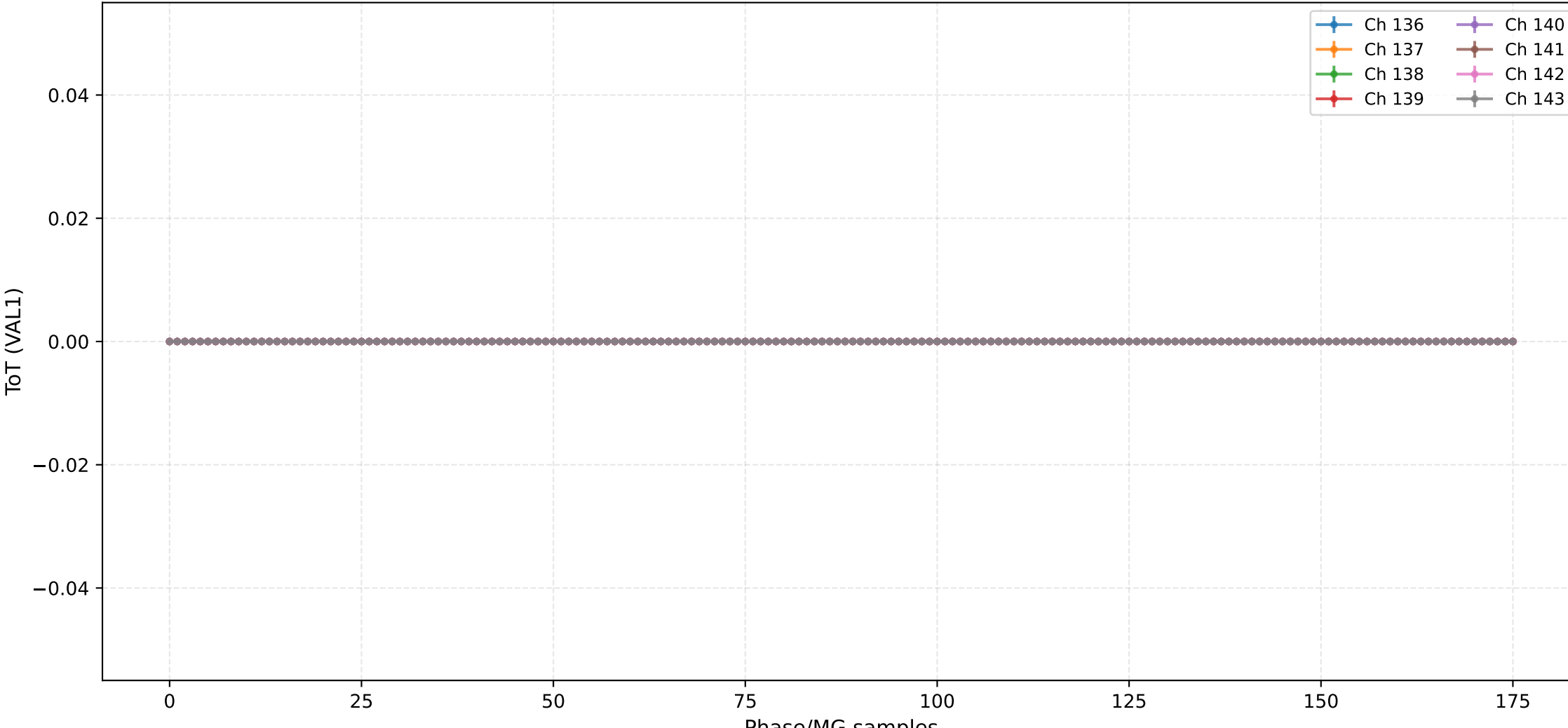
## ToT (VAL1) - Channels 120 to 127



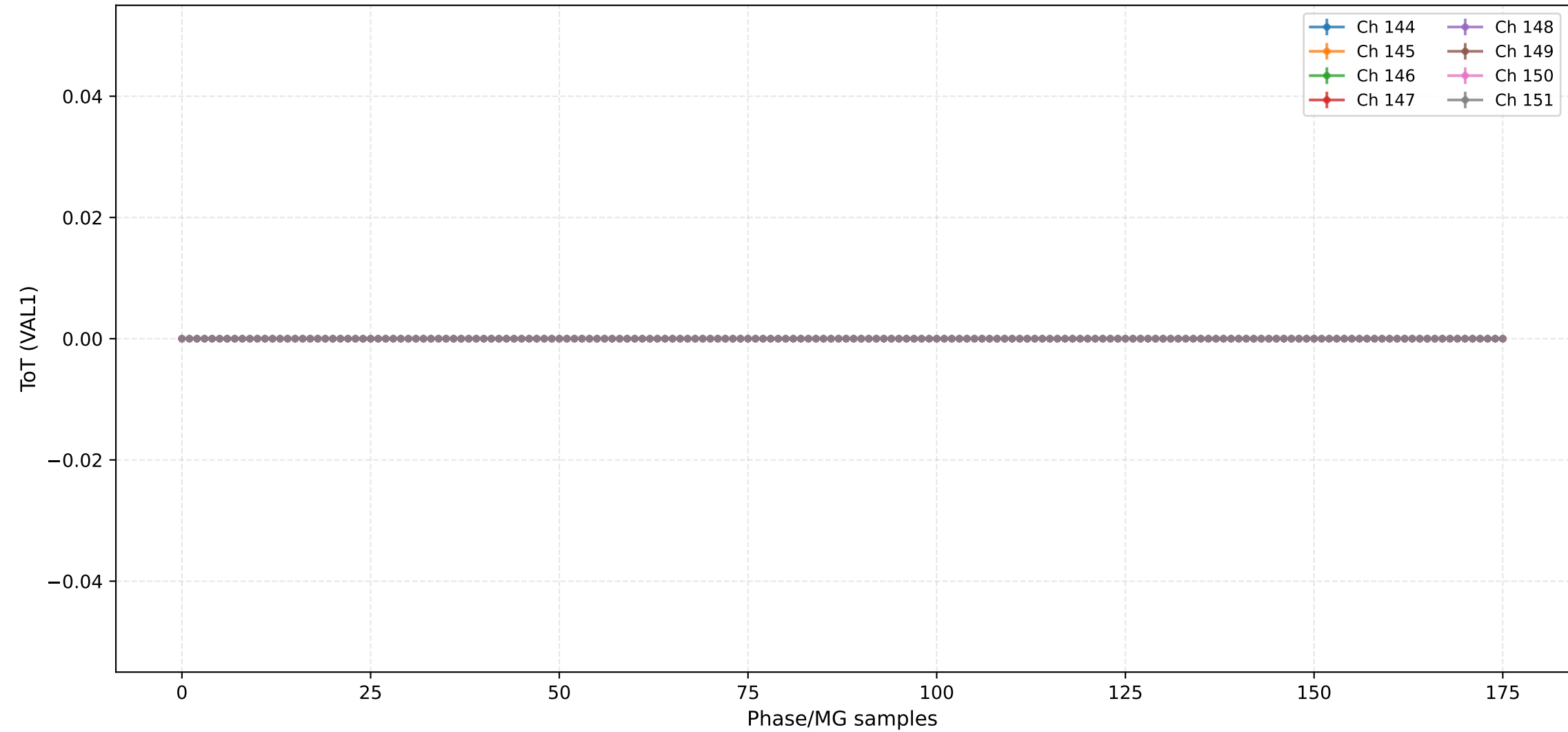
## ToT (VAL1) - Channels 128 to 135



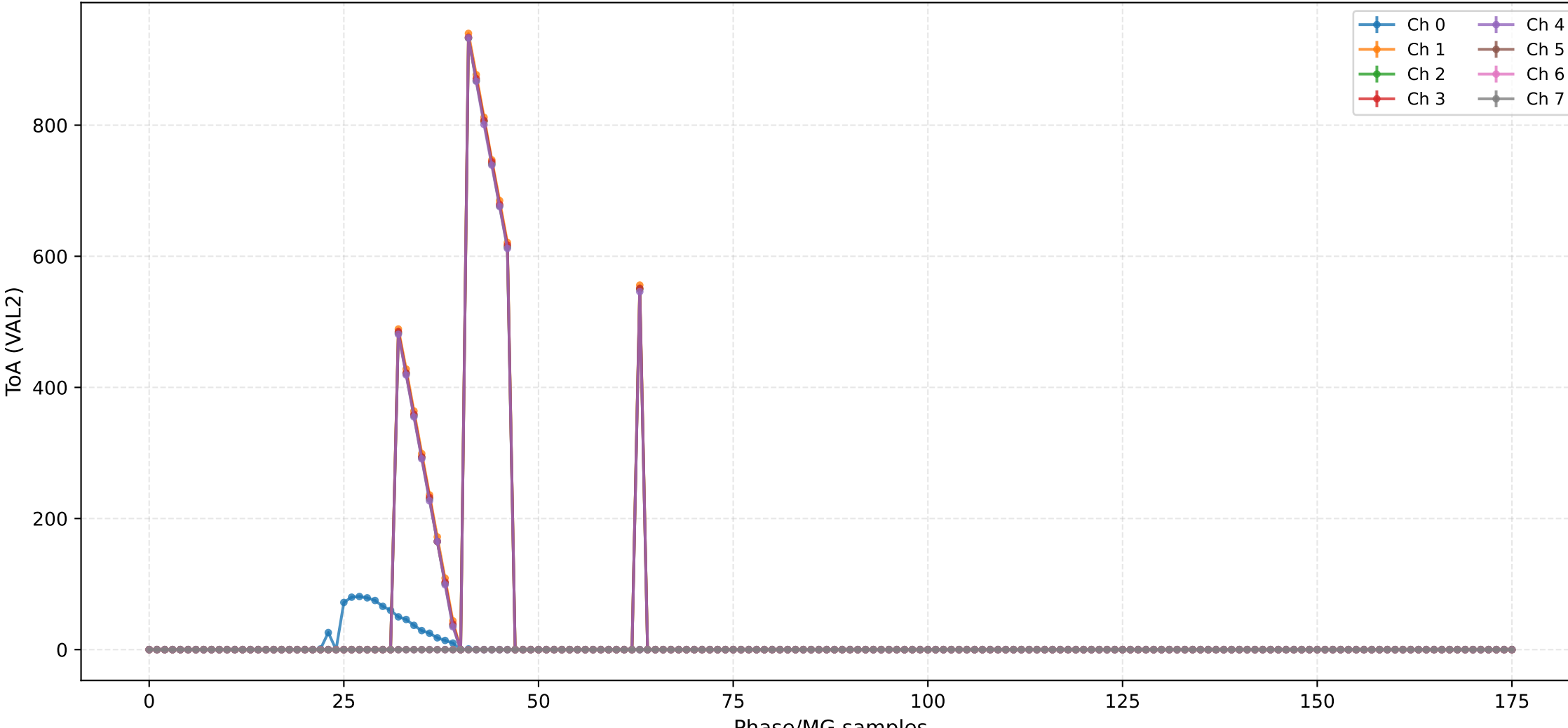
## ToT (VAL1) - Channels 136 to 143



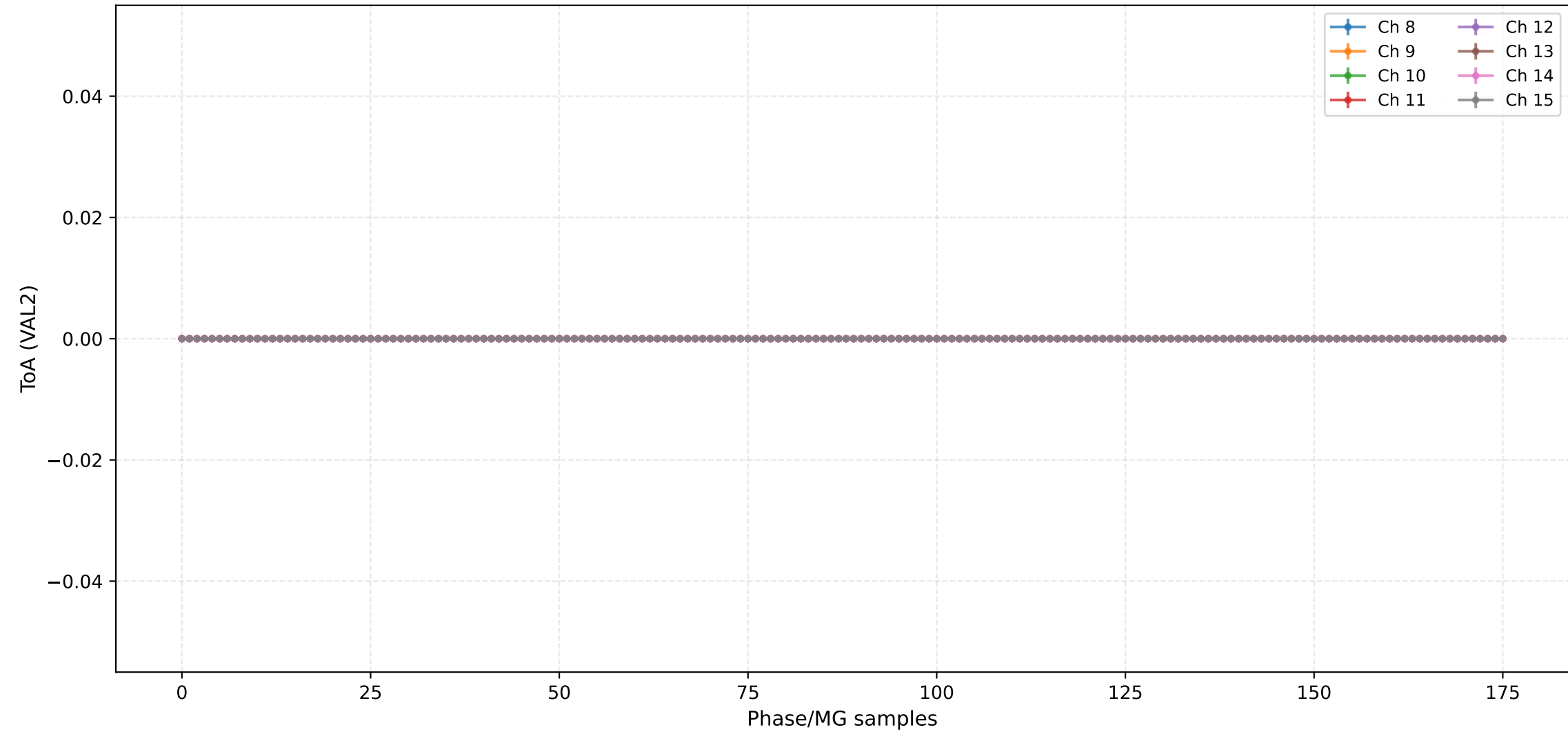
### ToT (VAL1) - Channels 144 to 151



## ToA (VAL2) - Channels 0 to 7

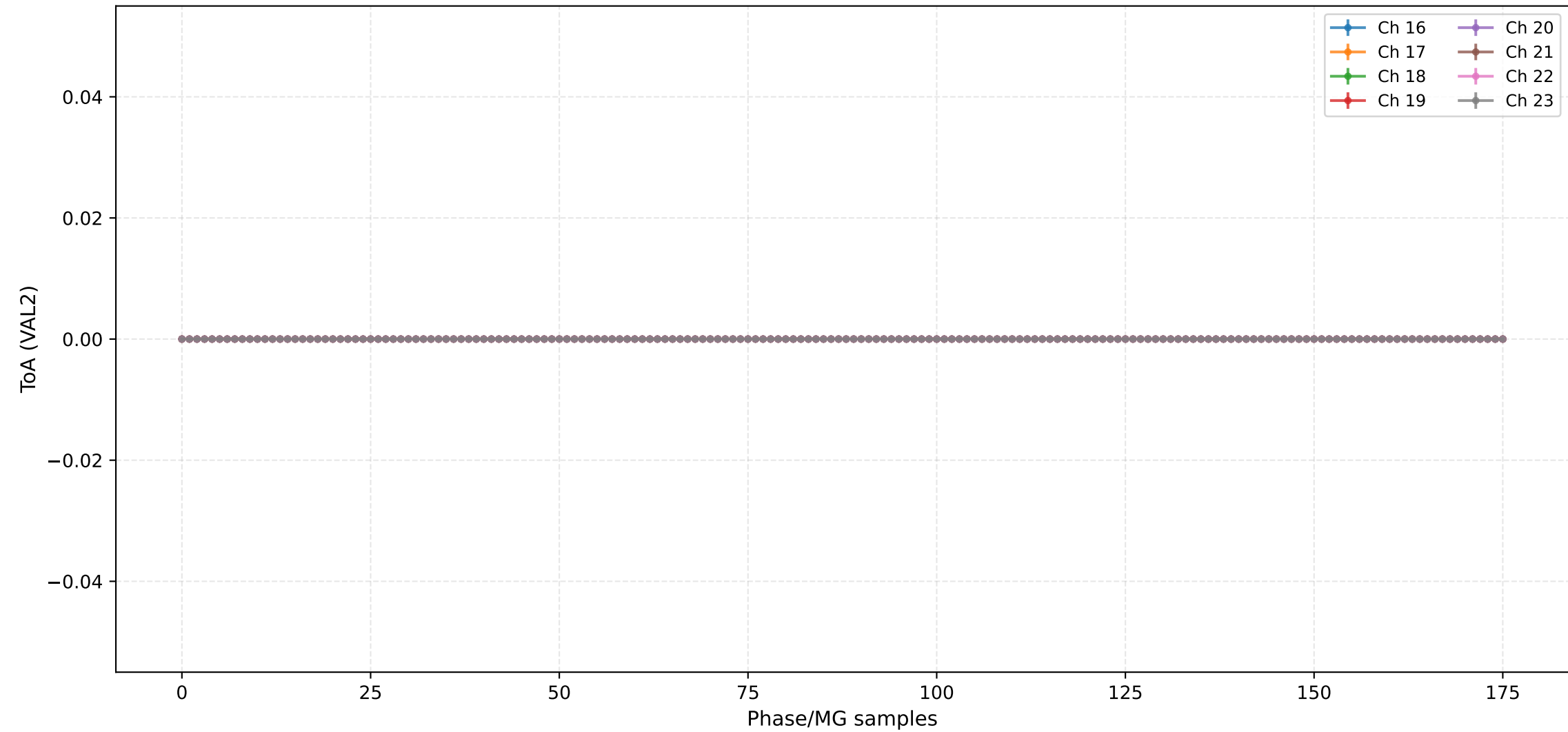


## ToA (VAL2) - Channels 8 to 15

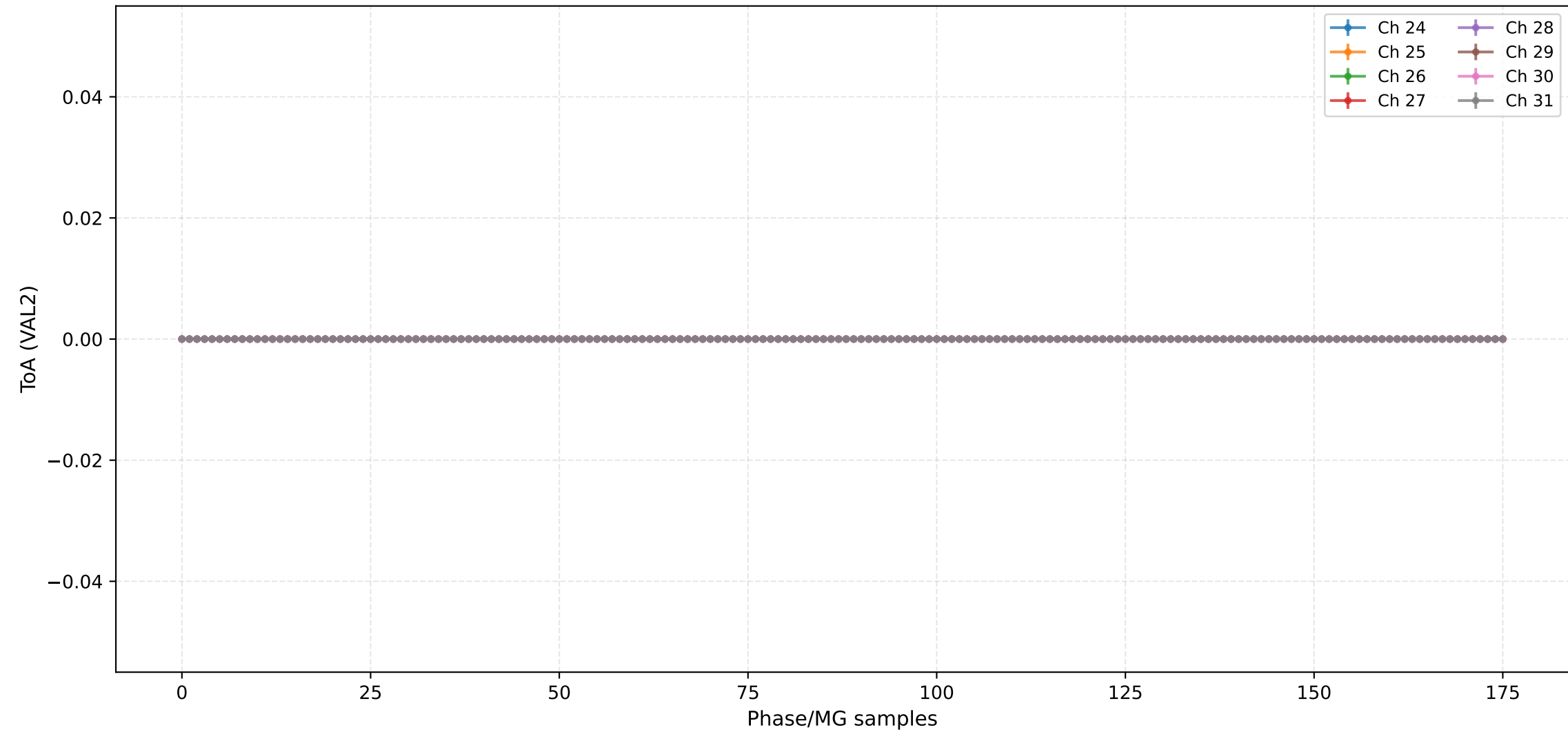




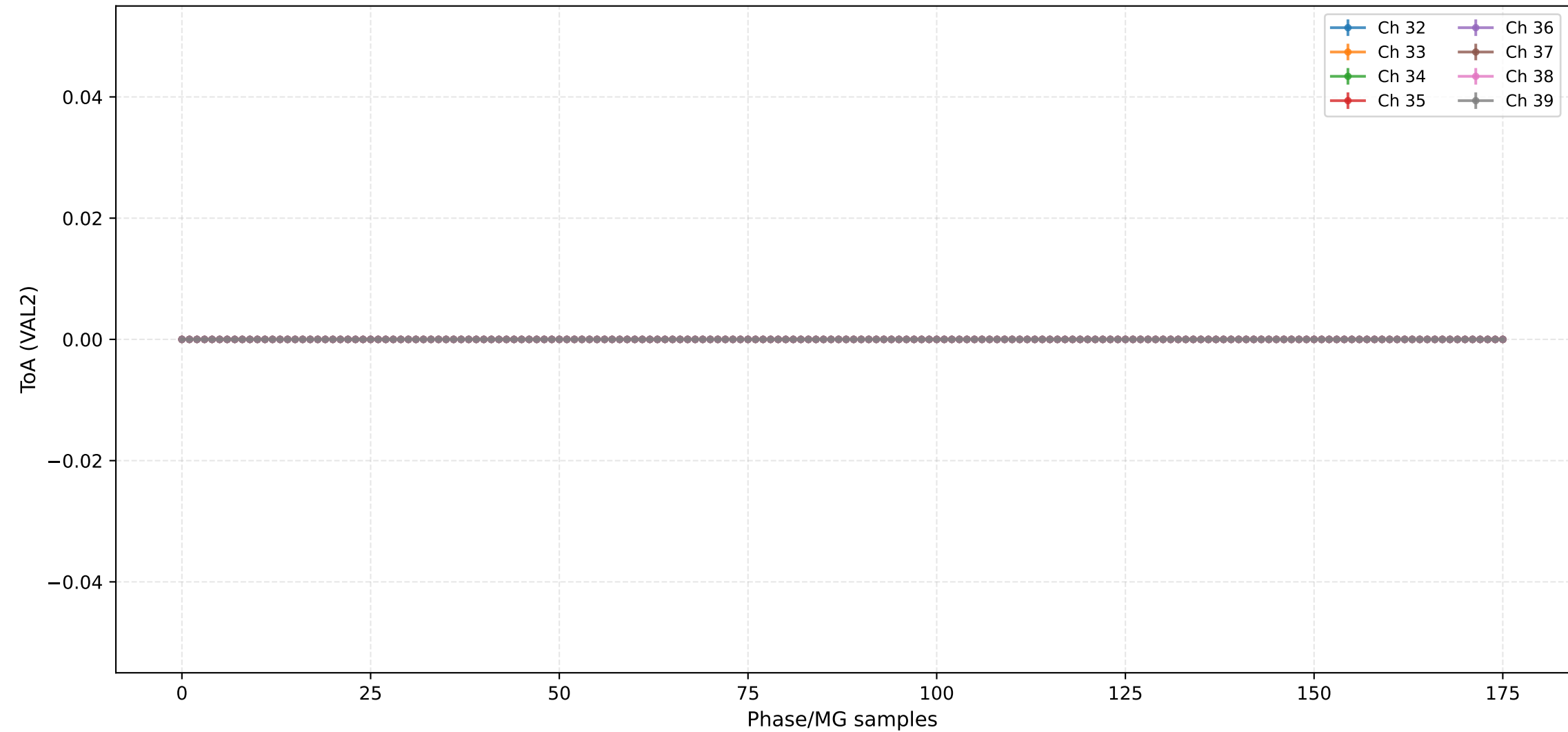
## ToA (VAL2) - Channels 16 to 23



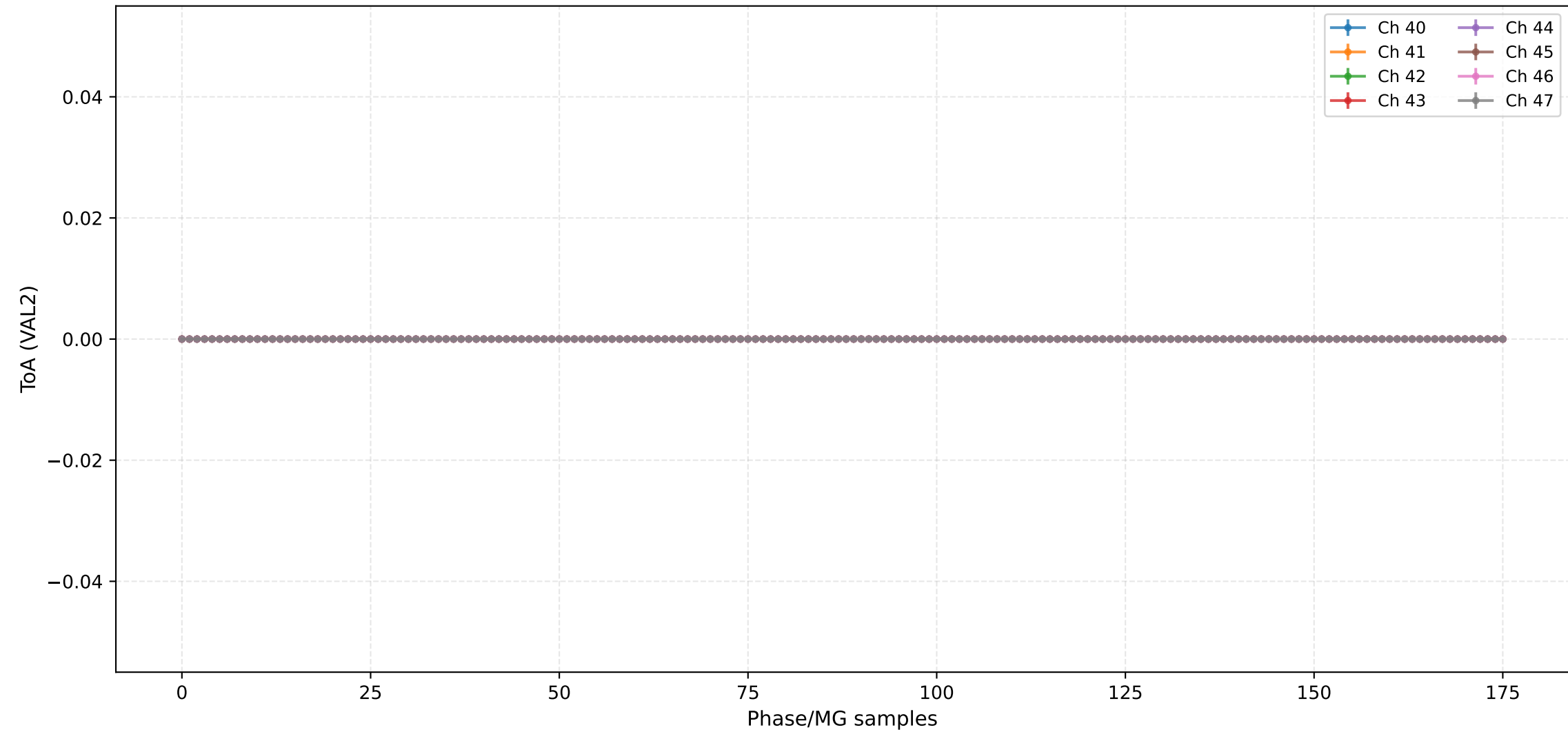
ToA (VAL2) - Channels 24 to 31



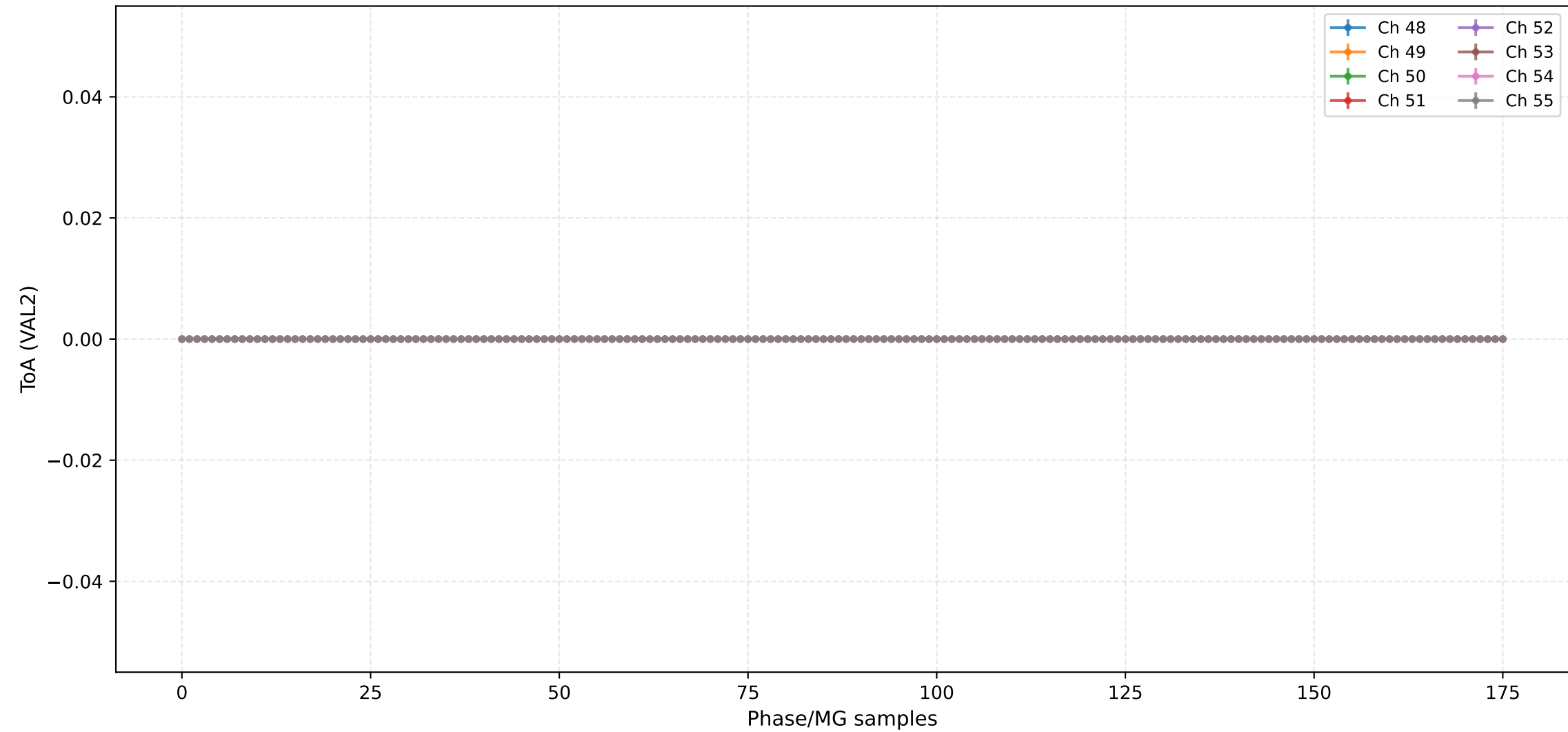
### ToA (VAL2) - Channels 32 to 39



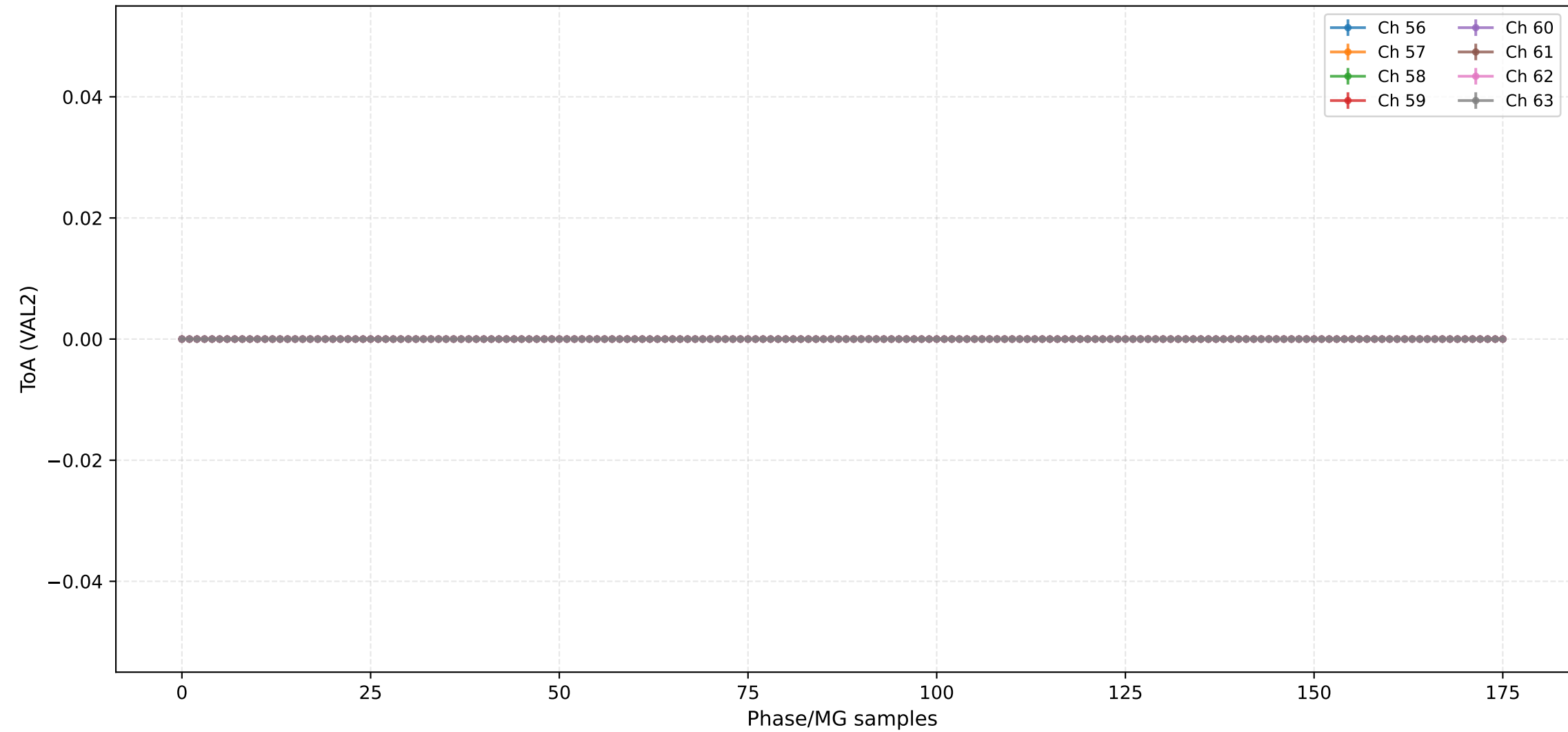
ToA (VAL2) - Channels 40 to 47



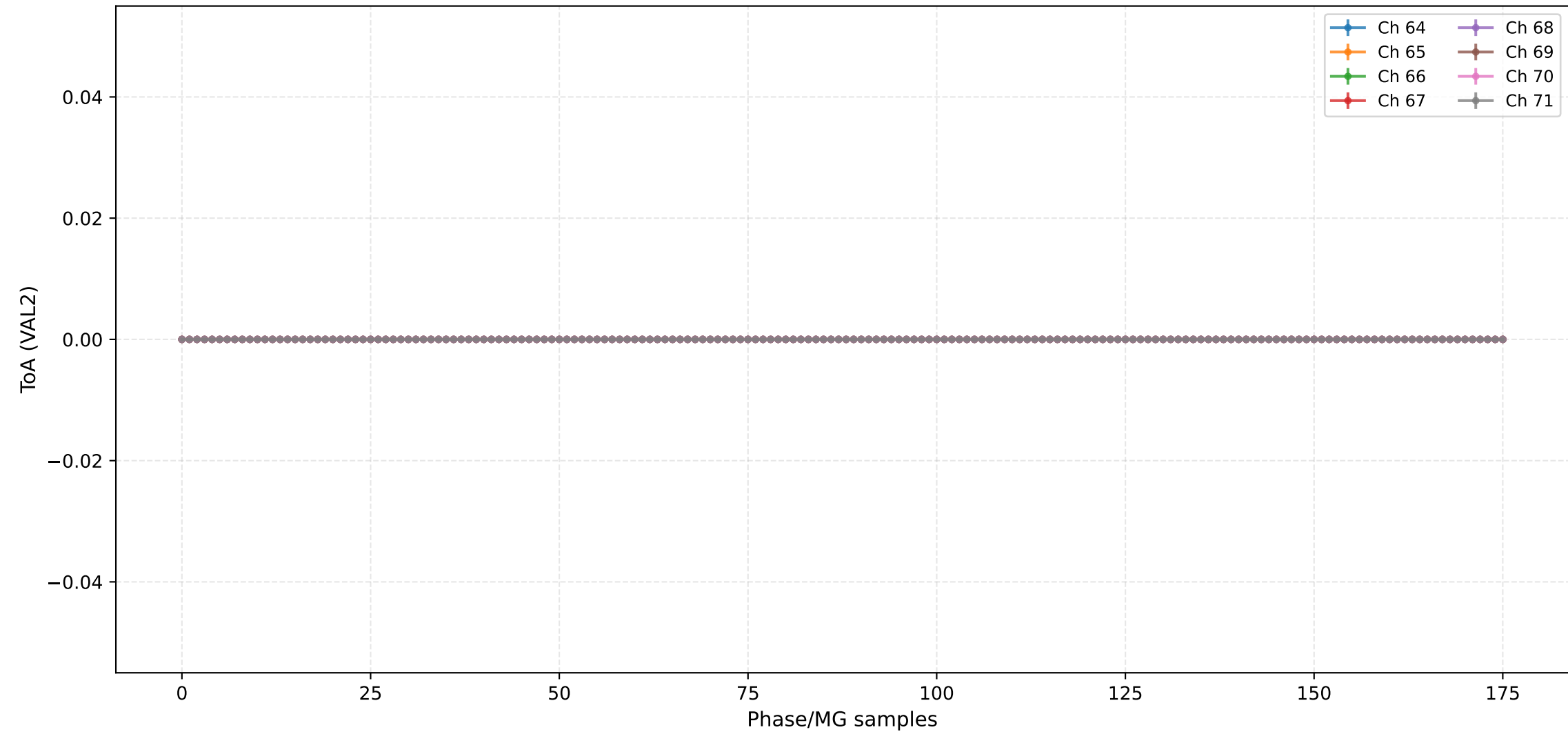
## ToA (VAL2) - Channels 48 to 55



## ToA (VAL2) - Channels 56 to 63



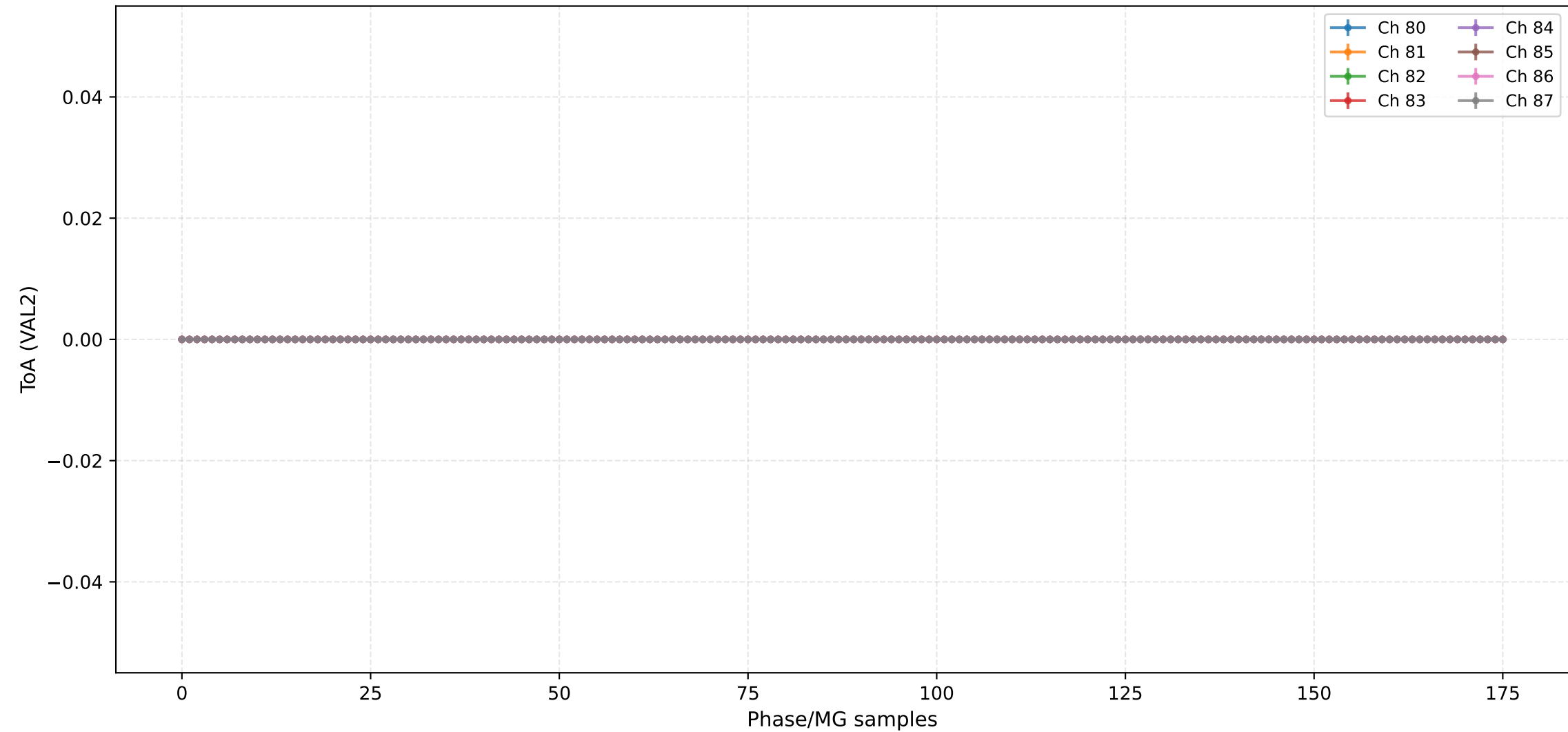
## ToA (VAL2) - Channels 64 to 71







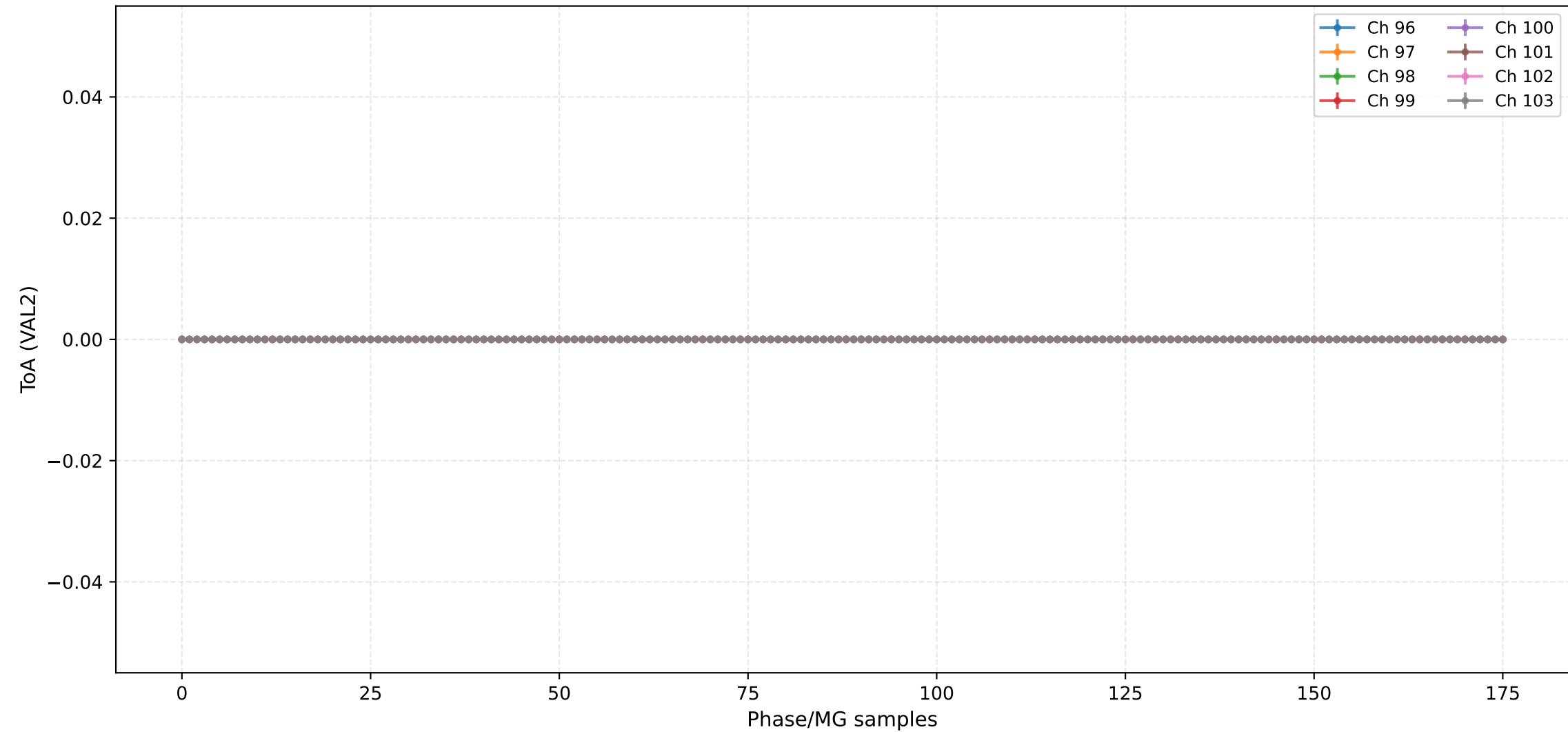
## ToA (VAL2) - Channels 80 to 87



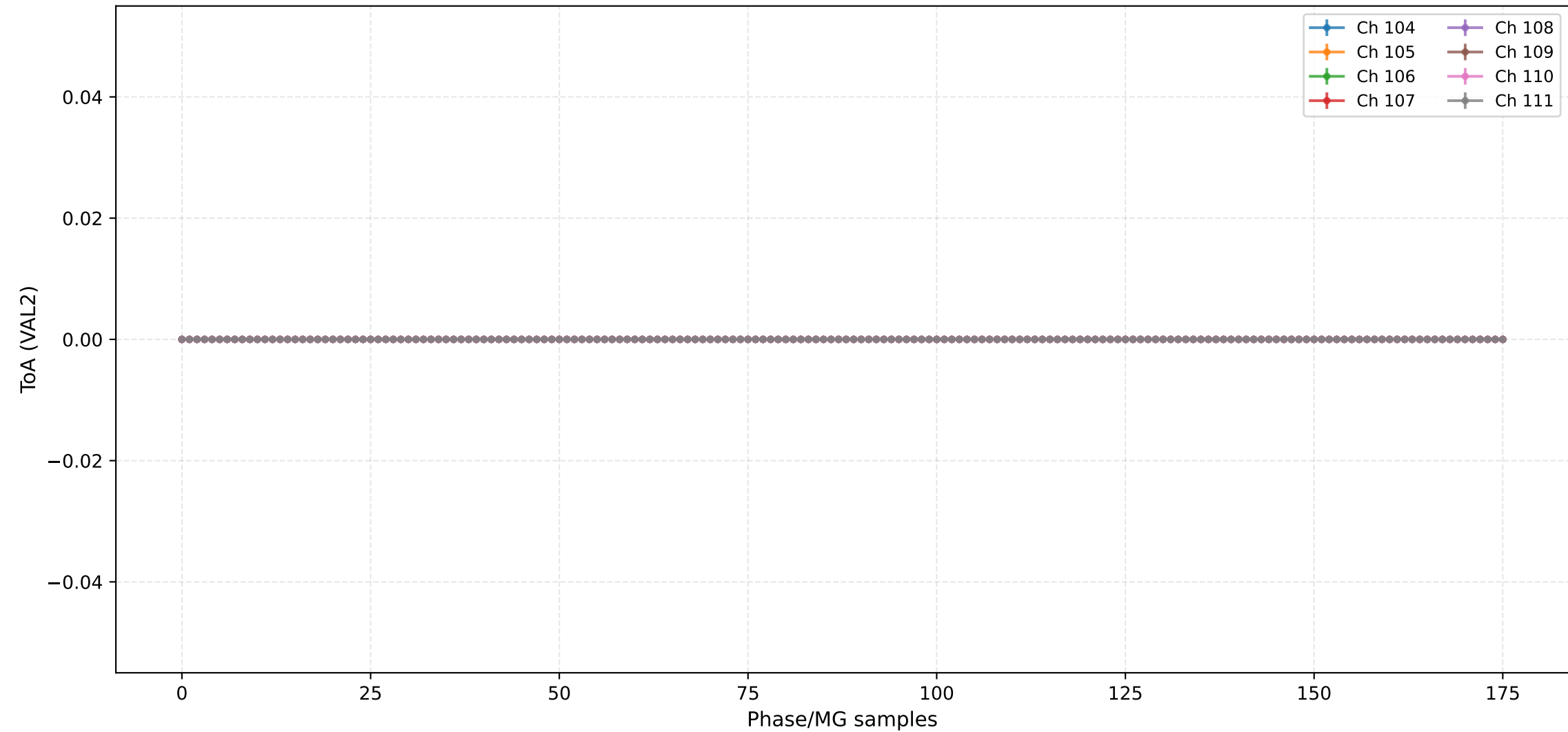
## ToA (VAL2) - Channels 88 to 95



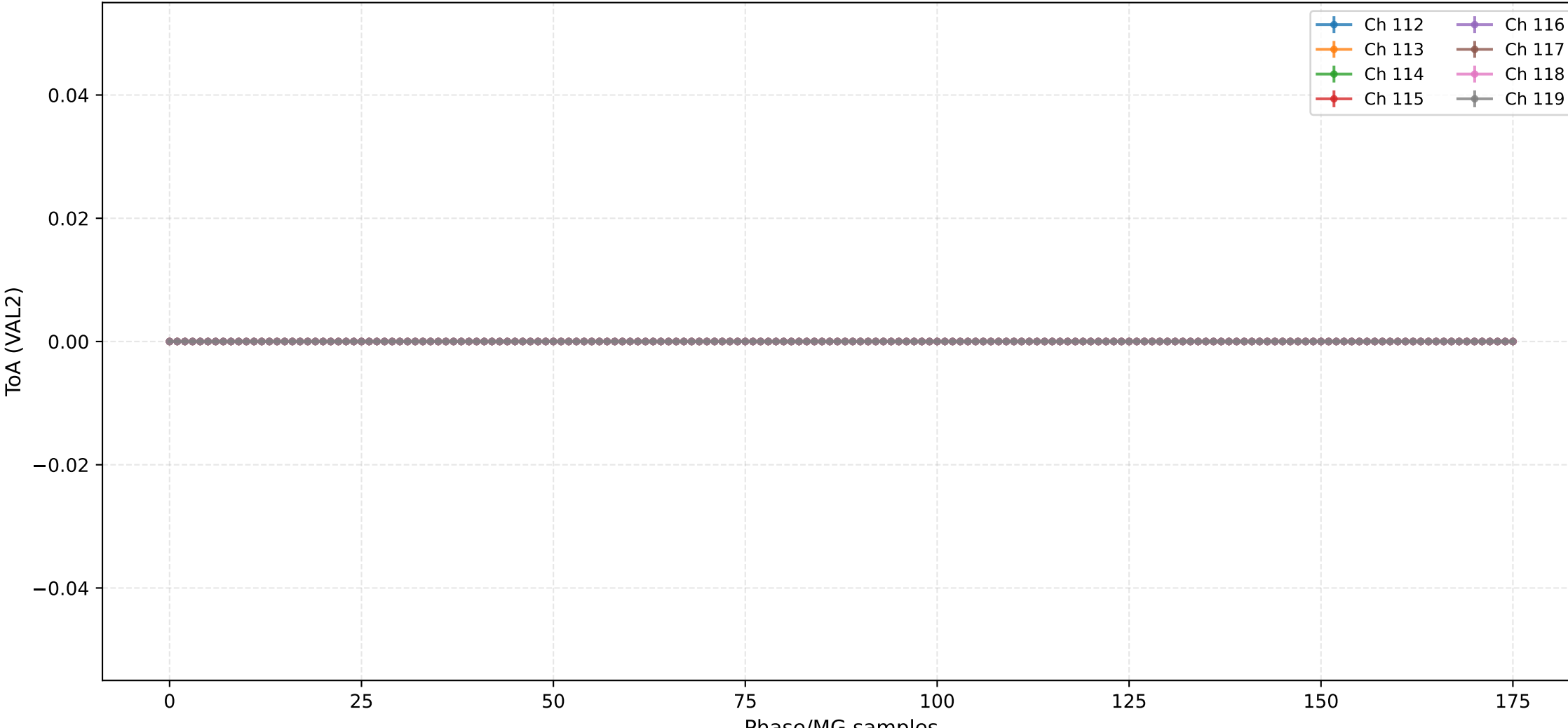
ToA (VAL2) - Channels 96 to 103



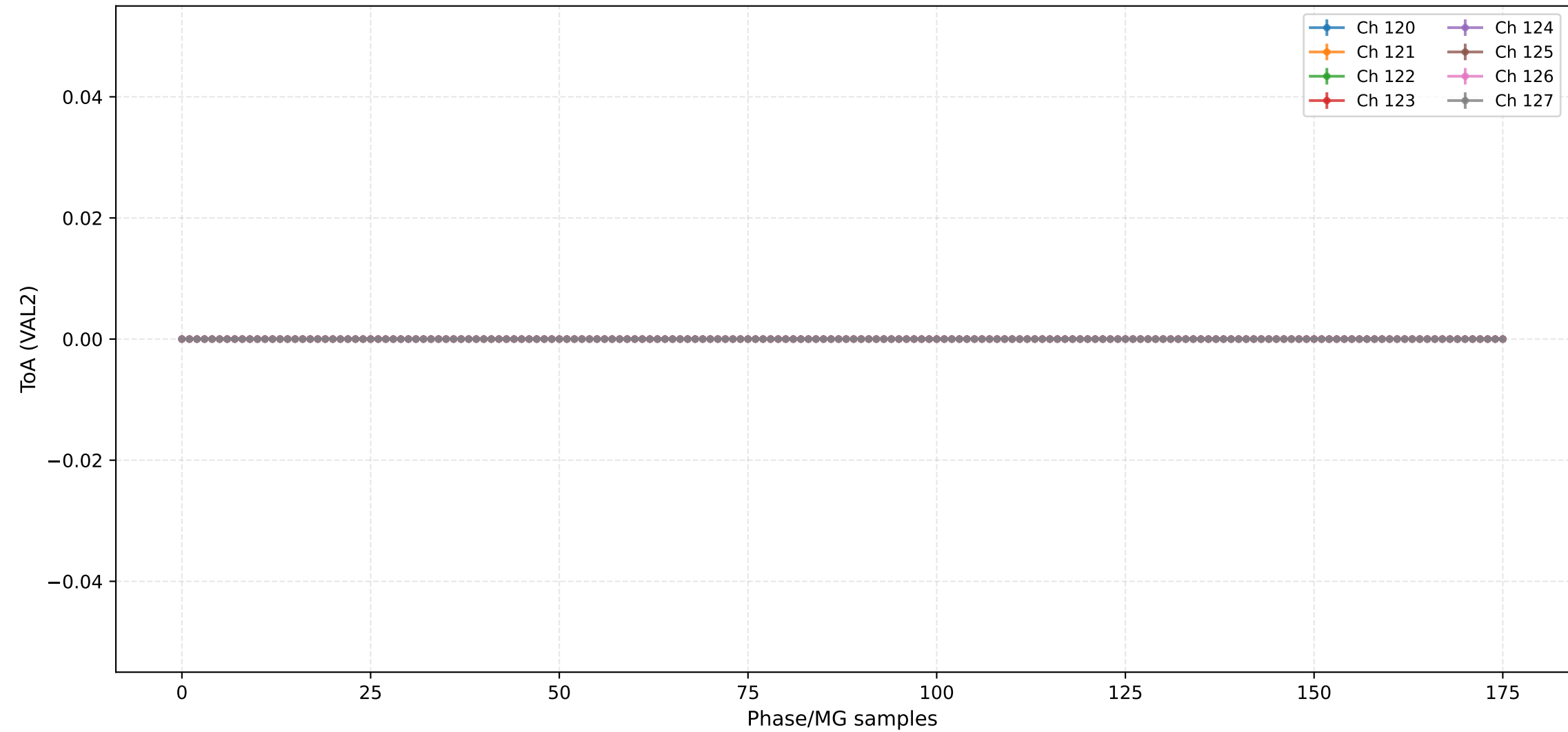
## ToA (VAL2) - Channels 104 to 111



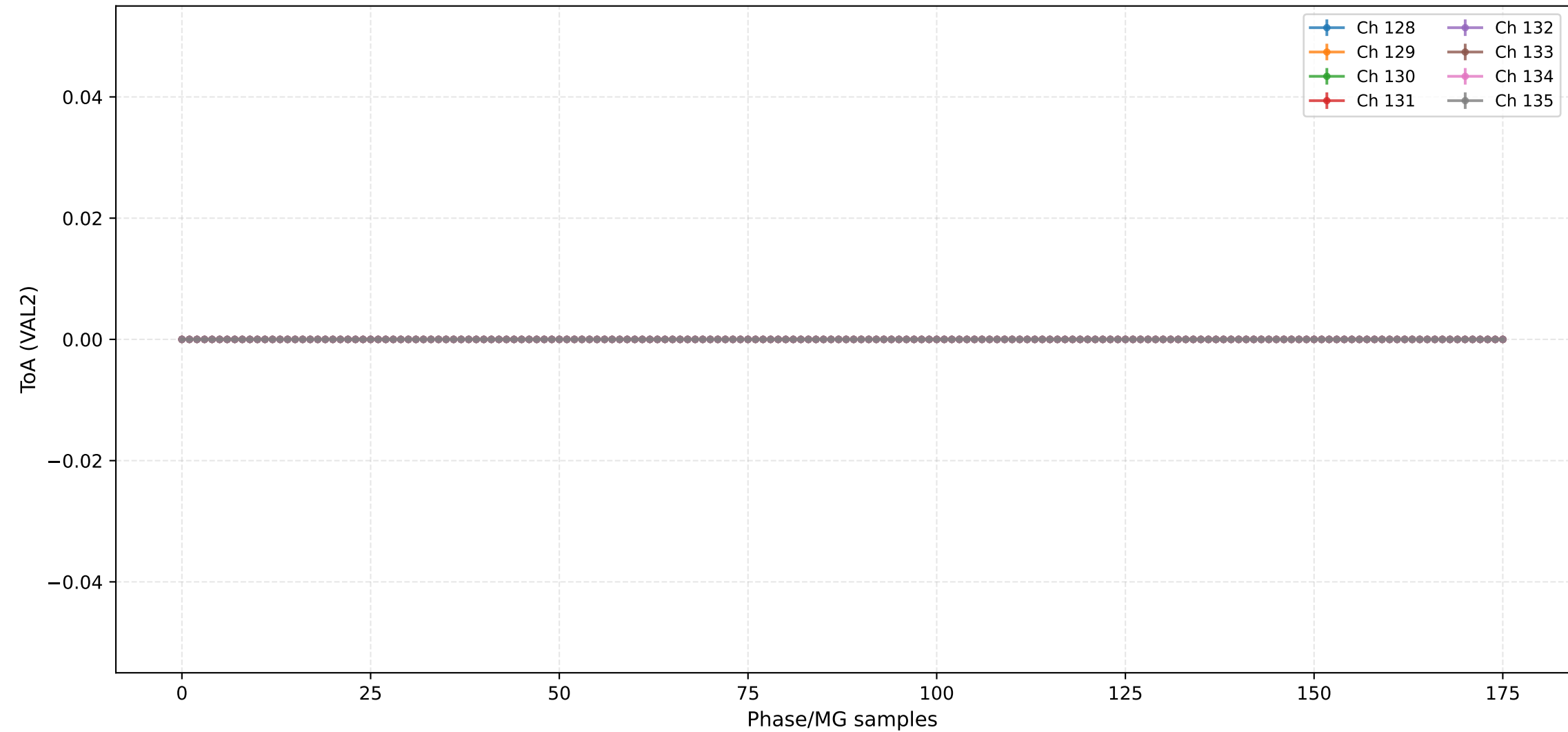
## ToA (VAL2) - Channels 112 to 119



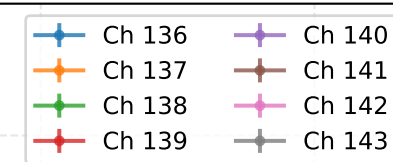
ToA (VAL2) - Channels 120 to 127



## ToA (VAL2) - Channels 128 to 135

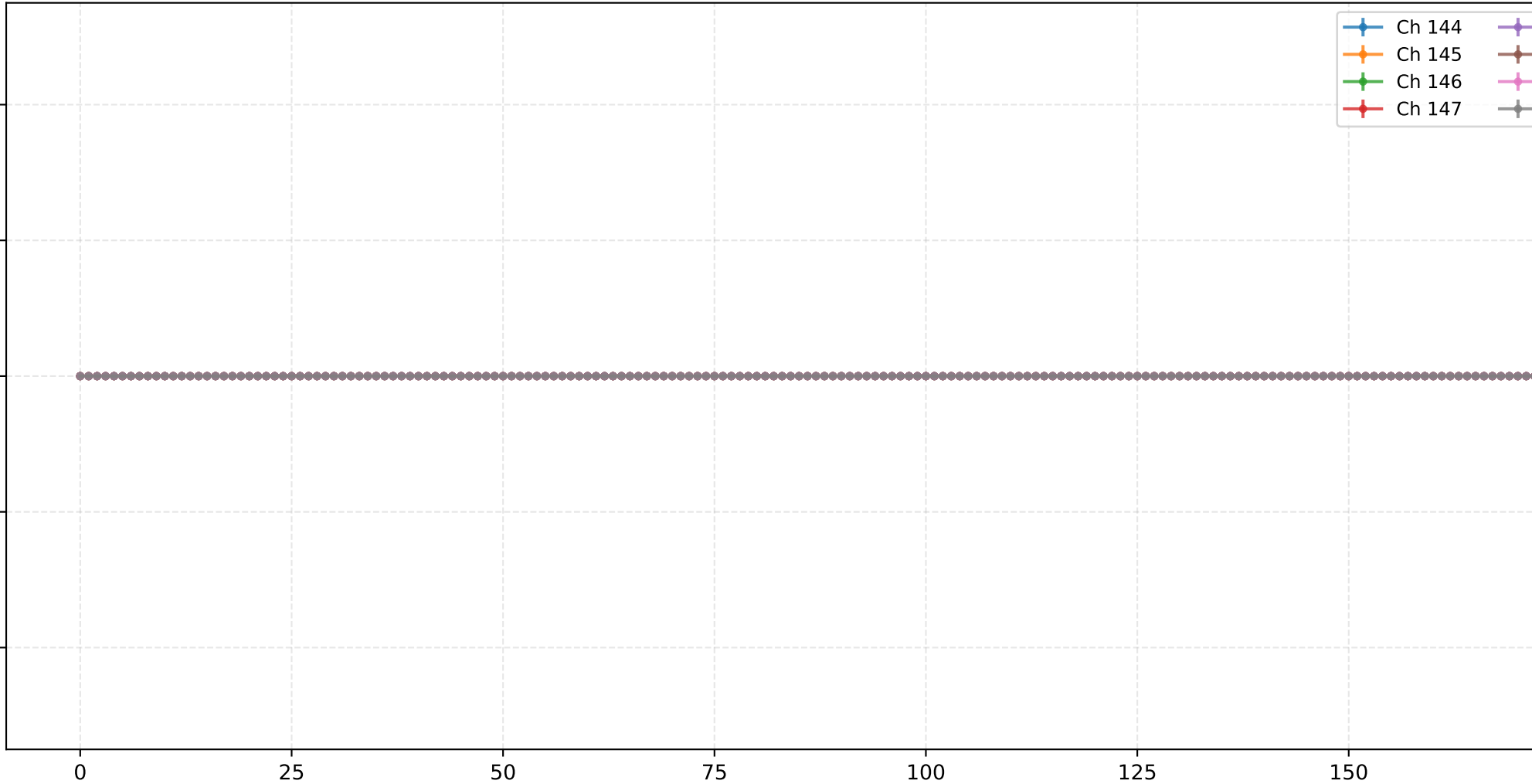


The plot displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for several channels. The x-axis represents time, ranging from 0 to 150, and the y-axis represents the expectation value, ranging from -1 to 1. A horizontal line at  $y=0$  indicates that the expectation value of  $\sigma_y$  remains zero for all channels and times. The legend identifies channels Ch 136 (blue), Ch 137 (orange), Ch 138 (green), Ch 139 (red), and Ch 140 (purple).





The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for five channels: Ch 144 (blue), Ch 145 (orange), Ch 146 (green), Ch 147 (red), and an unlabeled channel (purple). The x-axis represents time from 0 to 150, and the y-axis represents the expectation value from -1 to 1. All five channels show a constant value of 0 throughout the entire time range.



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-12 16:10:27

### Configuration:

- Total ASICs: 2
- Injection DAC: 3300
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn10\_val0.csv
- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn10\_val1.csv
- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn10\_val2.csv